

Script generated by TTT

Title: groh: profile1 (20.05.2016)

Date: Fri May 20 13:09:18 CEST 2016

Duration: 85:28 min

Pages: 76

The screenshot shows the Eclipse IDE interface with the title bar "Eclipse". The menu bar includes File, Edit, Source, Refactor, Navigate, Search, Project, Run, Window, Help. The toolbar has various icons for file operations. The left sidebar shows a package structure with folders fasel, studivzNew, zue1Wzw, zue2Wzw, and zue3Wzw. The central editor area displays the code for FlyingInsect.java:

```
1 package zue3Wzw;
2
3 public class AngryHornet {
4
5 }
6
```

The bottom status bar shows the date and time: 20.05.2016 13:09.

This screenshot shows two Eclipse IDE windows side-by-side. Both have the title bar "Eclipse". The left window shows LittleBee.java with the following code:

```
1 package zue3Wzw;
2
3 public class LittleBee {
4
5     double collectedPollen = 0;
6
7     public void sting(){
8         System.out.println("pieks");
9     }
10
11    public void snooze(){
12        System.out.println("schnarch!");
13    }
14 }
15
```

The right window shows AngryHornet.java with the following code:

```
1 package zue3Wzw;
2
3 public class AngryHornet {
4
5 }
6
```

Both windows have a "Console" tab at the bottom with the message "No consoles to display at this time." The bottom status bar shows the date and time: 20.05.2016 13:09.

-3Wzw/src/zue3Wzw/AngryHornet.java - Eclipse

```
File Edit Source Refactor Navigate Search Project Run Window Help
Quick Access Java Debug
Pack... ☰ LittleBee.java ☰ *AngryHornet.java ☰ FlyingInsect.java
1 package zue3Wzw;
2
3 public class AngryHornet {
4     public void sting(){
5     }
6
7 }
8
9
```

Console ☰ No consoles to display at this time.

Writable Smart Insert 6 : 9

-3Wzw/src/zue3Wzw/FlyingInsect.java - Eclipse

```
File Edit Source Refactor Navigate Search Project Run Window Help
Quick Access Java Debug
Pack... ☰ LittleBee.java ☰ *AngryHornet.java ☰ FlyingInsect.java
1 package zue3Wzw;
2
3 public class FlyingInsect {
4
5     public void fly(){
6         System.out.println("brumm");
7     }
8
9 }
10
```

Console ☰ No consoles to display at this time.

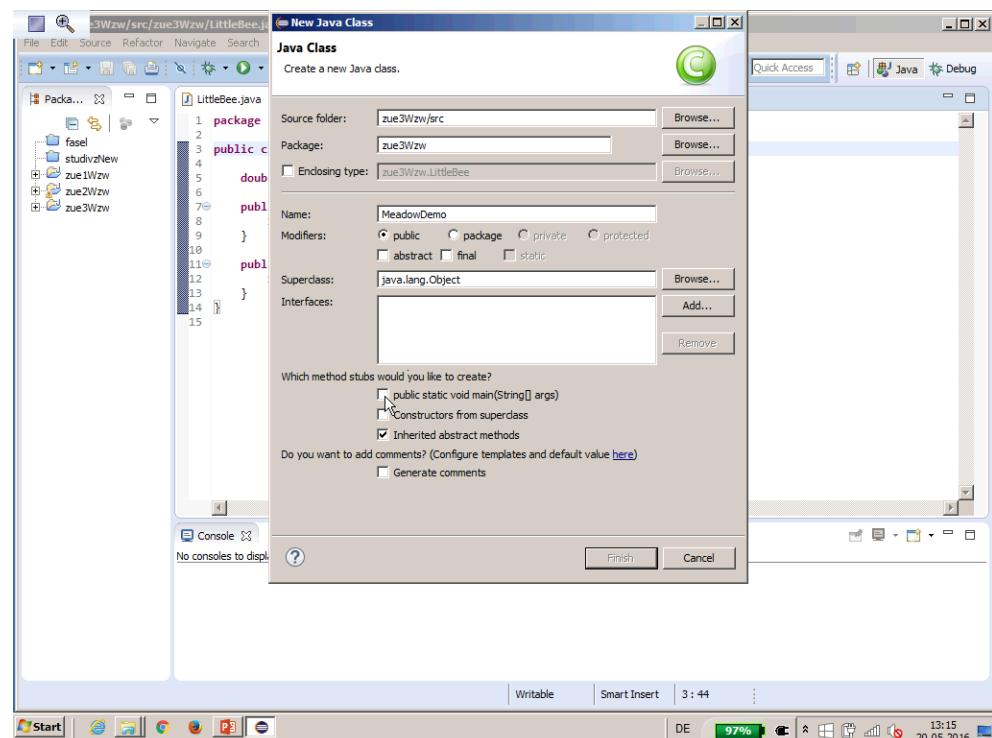
Writable Smart Insert 2 : 1

-3Wzw/src/zue3Wzw/LittleBee.java - Eclipse

```
File Edit Source Refactor Navigate Search Project Run Window Help
Quick Access Java Debug
Pack... ☰ LittleBee.java ☰ *AngryHornet.java ☰ FlyingInsect.java
1 package zue3Wzw;
2
3 public class LittleBee {
4     double collectedPollen = 0;
5
6     public void sting(){
7         System.out.println("picks");
8     }
9
10    public void snooze(){
11        System.out.println("schnarch!");
12    }
13
14 }
15
```

Console ☰ No consoles to display at this time.

Writable Smart Insert 9 : 1



Java - zue3Wzw/src/zue3Wzw/MeadowDemo.java - Eclipse

```
1 package zue3Wzw;
2
3 public class MeadowDemo {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7     }
8
9 }
10
11
```

LittleBee.java AngryHornet.java FlyingInsect.java MeadowDemo.java

Packa... src zue3Wzw fasel studivzNew zue1Wzw zue2Wzw zue3Wzw JRE System Librar

Console No consoles to display at this time.

Writable Smart Insert 7:9

Java - zue3Wzw/src/zue3Wzw/MeadowDemo.java - Eclipse

```
1 package zue3Wzw;
2
3 public class MeadowDemo {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7     }
8
9 }
10
11
```

LittleBee.java AngryHornet.java FlyingInsect.java MeadowDemo.java

Packa... src zue3Wzw fasel studivzNew zue1Wzw zue2Wzw zue3Wzw JRE System Librar

Console No consoles to display at this time.

Writable Smart Insert 7:9

Java - zue3Wzw/src/zue3Wzw/LittleBee.java - Eclipse

```
1 package zue3Wzw;
2
3 public class LittleBee extends FlyingInsect{
4
5     double collectedPollen = 0;
6
7     public void sting(){
8         System.out.println("pieks");
9     }
10
11    public void snooze(){
12        System.out.println("schnarch!");
13    }
14
15 }
```

LittleBee.java AngryHornet.java FlyingInsect.java MeadowDemo.java

Packa... src zue3Wzw fasel studivzNew zue1Wzw zue2Wzw zue3Wzw JRE System Librar

Console No consoles to display at this time.

Writable Smart Insert 3:44

Java - zue3Wzw/src/zue3Wzw/MeadowDemo.java - Eclipse

```
1 package zue3Wzw;
2
3 public class MeadowDemo {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         LittleBee maja;
8     }
9
10 }
11
12
```

LittleBee.java AngryHornet.java FlyingInsect.java MeadowDemo.java

Packa... src zue3Wzw fasel studivzNew zue1Wzw zue2Wzw zue3Wzw JRE System Librar

Console No consoles to display at this time.

Writable Smart Insert 8:9

Java - zue3Wzw/src/zue3Wzw/MeadowDemo.java - Eclipse

```
1 package zue3Wzw;
2
3 public class MeadowDemo {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         LittleBee maja;
8         maja = new LittleBee();
9         LittleBee willi;
10        willi = new LittleBee();
11    }
12
13 }
14
15
```

Console

No consoles to display at this time.

Java - zue3Wzw/src/zue3Wzw/MeadowDemo.java - Eclipse

```
1 package zue3Wzw;
2
3 public class MeadowDemo {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         LittleBee maja;
8         maja = new LittleBee();
9         LittleBee willi = new LittleBee();
10    }
11
12 }
13
14
```

Console

No consoles to display at this time.

Java - zue3Wzw/src/zue3Wzw/MeadowDemo.java - Eclipse

```
1 package zue3Wzw;
2
3 public class MeadowDemo {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         LittleBee maja;
8         maja = new LittleBee();
9         LittleBee willi = new LittleBee();
10        maja.fly();
11        willi.snooze();
12    }
13
14 }
15
```

Console

No consoles to display at this time.

Java - zue3Wzw/src/zue3Wzw/MeadowDemo.java - Eclipse

```
1 package zue3Wzw;
2
3 public class MeadowDemo {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         LittleBee maja;
8         maja = new LittleBee();
9         LittleBee willi = new LittleBee();
10        maja.fly();
11        willi.snooze();
12    }
13
14 }
15
```

Console

No consoles to display at this time.

Debug - zue3Wzw/src/zue3Wzw/MeadowDemo.java - Eclipse

File Edit Source Refactor Navigate Search Project Run Window Help

Quick Access Java Debug

Debug

MeadowDemo [Java Application]

zue3Wzw.MeadowDemo at localhost: 49298

Thread [main] (Suspended (breakpoint at line 9 in MeadowDemo))

MeadowDemo.main(String[]) line: 9

C:\Program Files\Java\jre1.8.0_92\bin\javaw.exe (20.05.2016, 13:23:00)

Variables Breakpoints

Name	Value
args	String[0] (d=16)
maja	LittleBee (d=18)

Outline

LittleBee.java AngryHornet.java FlyingInsect.java MeadowDemo.java

```
1 package zue3Wzw;
2
3 public class MeadowDemo {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         LittleBee maja;
8         maja = new LittleBee();
9         LittleBee willi = new LittleBee();
10        maja.fly();
11        willi.snooze();
12    }
13}
```

Console Tasks

MeadowDemo [Java Application] C:\Program Files\Java\jre1.8.0_92\bin\javaw.exe (20.05.2016, 13:23:00)

Start | Taskbar | SmartInsert | 9 : 1 | DE | 97% | 13:22 | 20.05.2016

Debug - zue3Wzw/src/zue3Wzw/MeadowDemo.java - Eclipse

File Edit Source Refactor Navigate Search Project Run Window Help

Quick Access Java Debug

Debug

MeadowDemo [Java Application]

zue3Wzw.MeadowDemo at localhost: 49298

Thread [main] (Suspended (breakpoint at line 9 in MeadowDemo))

MeadowDemo.main(String[]) line: 9

C:\Program Files\Java\jre1.8.0_92\bin\javaw.exe (20.05.2016, 13:23:00)

Variables Breakpoints

Name	Value
args	String[0] (d=16)
maja	LittleBee (d=18)

Outline

LittleBee.java AngryHornet.java FlyingInsect.java MeadowDemo.java

```
1 package zue3Wzw;
2
3 public class MeadowDemo {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         LittleBee maja;
8         maja = new LittleBee();
9         LittleBee willi = new LittleBee();
10        maja = LittleBee (d=18);
11        collectedPollen = 0.0
12    }
13}
```

zue3Wzw.LittleBee@368102c8

MeadowDemo [Java Application]

Start | Taskbar | SmartInsert | 9 : 1 | DE | 97% | 13:23 | 20.05.2016

Debug - zue3Wzw/src/zue3Wzw/MeadowDemo.java - Eclipse

File Edit Source Refactor Navigate Search Project Run Window Help

Quick Access Java Debug

Debug

MeadowDemo [Java Application]

zue3Wzw.MeadowDemo at localhost: 49298

Thread [main] (Suspended)

MeadowDemo.main(String[]) line: 10

C:\Program Files\Java\jre1.8.0_92\bin\javaw.exe (20.05.2016, 13:23:00)

Variables Breakpoints

Name	Value
args	String[0] (d=16)
maja	LittleBee (d=18)
collectedPollen	0.0
willi	LittleBee (d=24)
collectedPollen	0.0

Outline

LittleBee.java AngryHornet.java FlyingInsect.java MeadowDemo.java

```
1 package zue3Wzw;
2
3 public class MeadowDemo {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         LittleBee maja;
8         maja = new LittleBee();
9         LittleBee willi = new LittleBee();
10        maja.fly();
11        willi.snooze();
12    }
13}
```

Console Tasks

MeadowDemo [Java Application] C:\Program Files\Java\jre1.8.0_92\bin\javaw.exe (20.05.2016, 13:23:00)

Start | Taskbar | SmartInsert | 9 : 1 | DE | 97% | 13:24 | 20.05.2016

Debug - zue3Wzw/src/zue3Wzw/FlyingInsect.java - Eclipse

File Edit Source Refactor Navigate Search Project Run Window Help

Quick Access Java Debug

Debug

MeadowDemo [Java Application]

zue3Wzw.MeadowDemo at localhost: 49298

Thread [main] (Suspended)

MeadowDemo.main(String[]) line: 11

C:\Program Files\Java\jre1.8.0_92\bin\javaw.exe (20.05.2016, 13:23:00)

Variables Breakpoints

Name	Value
args	String[0] (d=16)
maja	LittleBee (d=18)
willi	LittleBee (d=24)

Outline

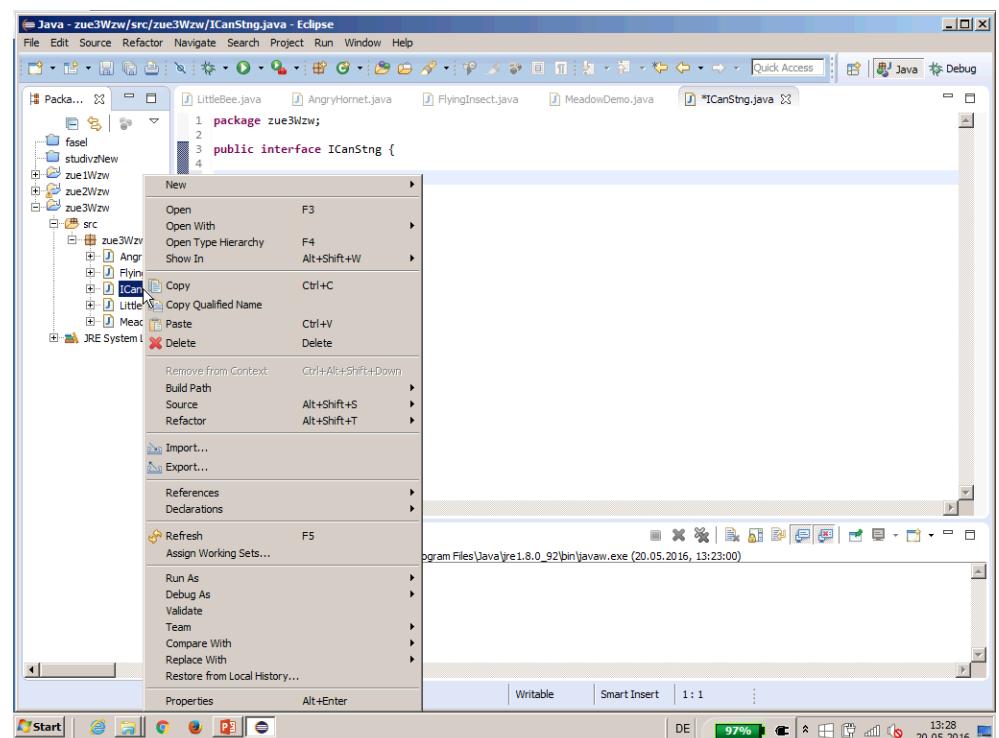
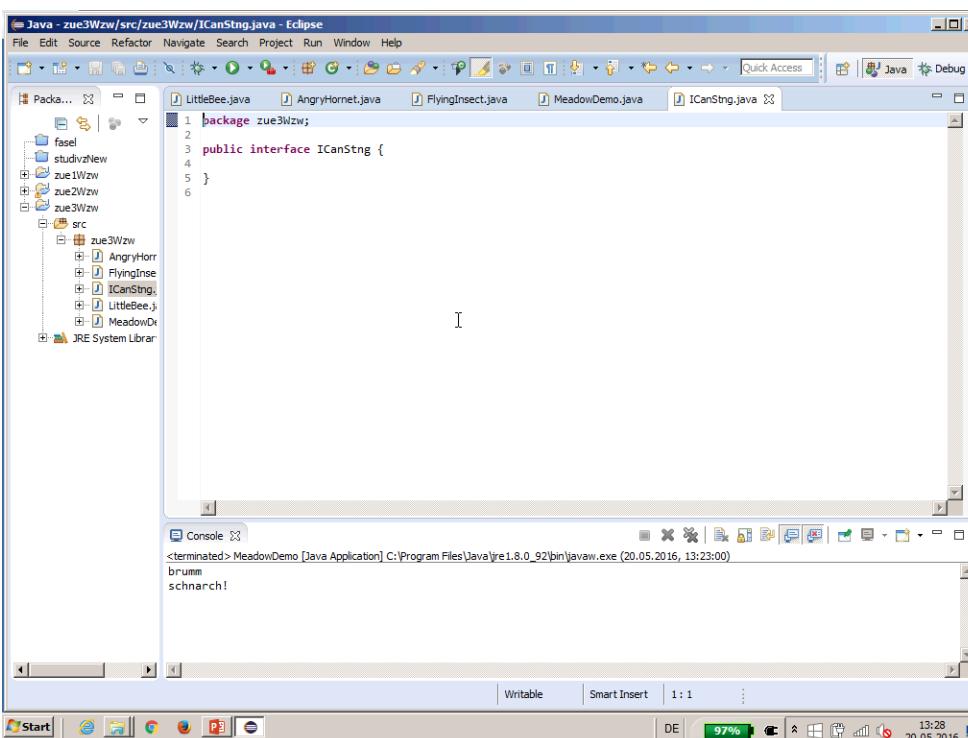
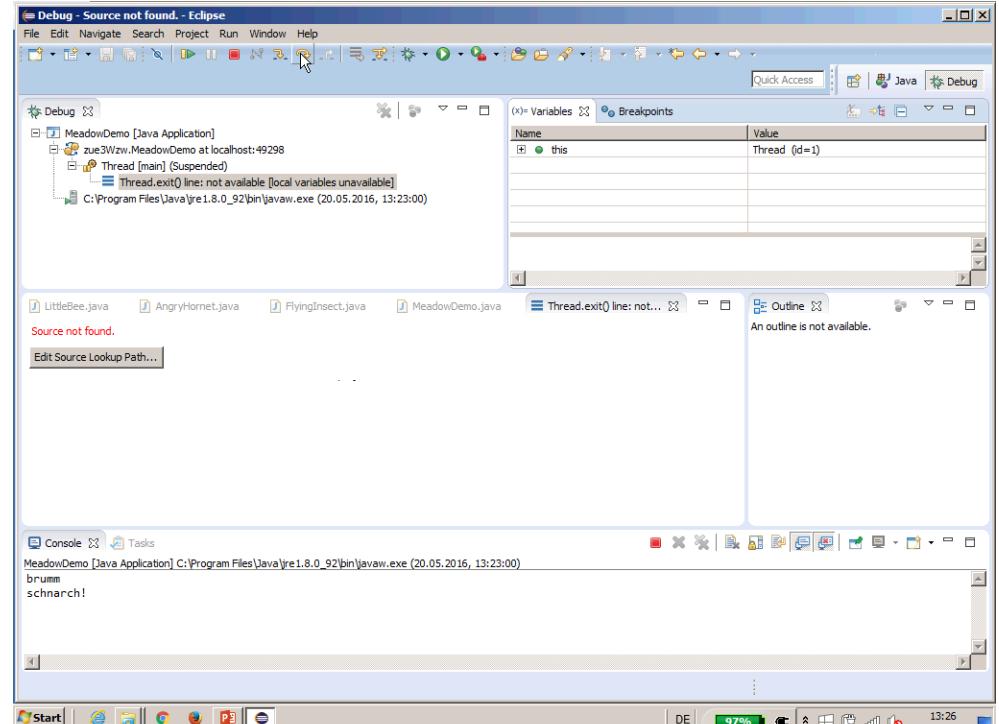
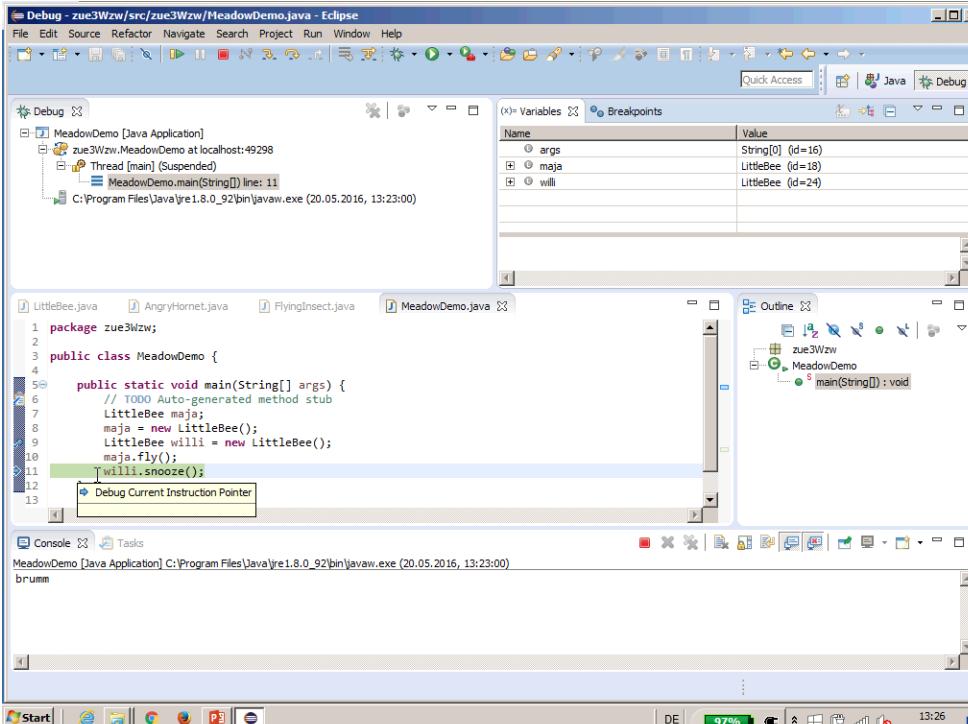
LittleBee.java AngryHornet.java FlyingInsect.java MeadowDemo.java

```
1 package zue3Wzw;
2
3 public class MeadowDemo {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         LittleBee maja;
8         maja = new LittleBee();
9         LittleBee willi = new LittleBee();
10        maja.fly();
11        willi.snooze();
12    }
13}
```

MeadowDemo [Java Application] C:\Program Files\Java\jre1.8.0_92\bin\javaw.exe (20.05.2016, 13:23:00)

brumm

Start | Taskbar | SmartInsert | 9 : 1 | DE | 97% | 13:26 | 20.05.2016



Java - zue3Wzw/src/zue3Wzw/ICanSting.java - Eclipse

```
File Edit Source Refactor Navigate Search Project Run Window Help
```

Pack... src

```
1 package zue3Wzw;
2
3 public interface ICanSting {
4
5     public void sting();
6 }
```

Console

```
<terminated> MeadowDemo [Java Application] C:\Program Files\Java\jre1.8.0_92\bin\javaw.exe (20.05.2016, 13:23:00)
brumm
schnarch!
```

Start | Writable | Smart Insert | 9 : 6 | DE | 97% | 13:29 | 20.05.2016

Java - zue3Wzw/src/zue3Wzw/MeadowDemo.java - Eclipse

```
File Edit Source Refactor Navigate Search Project Run Window Help
```

Pack... src

```
1 package zue3Wzw;
2
3 public class MeadowDemo {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         LittleBee maja;
8         maja = new LittleBee();
9         LittleBee willi = new LittleBee();
10        maja.fly();
11        willi.snooze();
12    }
13 }
14
15
16 }
```

Console

```
<terminated> MeadowDemo [Java Application] C:\Program Files\Java\jre1.8.0_92\bin\javaw.exe (20.05.2016, 13:23:00)
brumm
schnarch!
```

Start | Writable | Smart Insert | 12 : 1 | DE | 97% | 13:29 | 20.05.2016

Java - zue3Wzw/src/zue3Wzw/MeadowDemo.java - Eclipse

```
File Edit Source Refactor Navigate Search Project Run Window Help
```

Pack... src

```
1 package zue3Wzw;
2
3 public class MeadowDemo {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         LittleBee maja;
8         maja = new LittleBee();
9         LittleBee willi = new LittleBee();
10        maja.fly();
11        willi.snooze();
12        AngryHornet evil;
13        evil = new AngryHornet();
14        evil.sting();
15    }
16 }
17
18 }
```

Console

```
<terminated> MeadowDemo [Java Application] C:\Program Files\Java\jre1.8.0_92\bin\javaw.exe (20.05.2016, 13:32:05)
brumm
schnarch!
MEGA-pieks
```

Start | Writable | Smart Insert | 14 : 22 | DE | 97% | 13:32 | 20.05.2016

Java - zue3Wzw/src/zue3Wzw/MeadowDemo.java - Eclipse

```
File Edit Source Refactor Navigate Search Project Run Window Help
```

Pack... src

```
1 package zue3Wzw;
2
3 public class MeadowDemo {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         LittleBee maja;
8         maja = new LittleBee();
9         LittleBee willi = new LittleBee();
10        maja.fly();
11        maja.sting();
12        willi.snooze();
13        AngryHornet evil;
14        evil = new AngryHornet();
15        evil.sting();
16    }
17
18 }
19 }
```

Console

```
<terminated> MeadowDemo [Java Application] C:\Program Files\Java\jre1.8.0_92\bin\javaw.exe (20.05.2016, 13:32:20)
brumm
pieks
schnarch!
MEGA-pieks
```

Start | Writable | Smart Insert | 15 : 21 | DE | 97% | 13:32 | 20.05.2016

Java - zue3Wzw/src/zue3Wzw/MeadowDemo.java - Eclipse

```
File Edit Source Refactor Navigate Search Project Run Window Help
```

Packa... src

```
1 package zue3Wzw;
2
3 public class MeadowDemo {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         LittleBee maja;
8         maja = new LittleBee();
9         LittleBee willi = new LittleBee();
10        maja.fly();
11        maja.sting();
12        willi.snooze();
13        AngryHornet evil;
14        evil = new AngryHornet();
15        evil.sting();
16
17        ICanSting someStinger; ~
18    }
19
20 }
21
```

Console :

```
<terminated> MeadowDemo [Java Application] C:\Program Files\Java\jre1.8.0_92\bin\javaw.exe (20.05.2016, 13:32:20)
brumm
pieks
schnarch!
MEGA-pieks
```

Java - zue3Wzw/src/zue3Wzw/MeadowDemo.java - Eclipse

```
File Edit Source Refactor Navigate Search Project Run Window Help
```

Packa... src

```
1 package zue3Wzw;
2
3 public class MeadowDemo {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         LittleBee maja;
8         maja = new LittleBee();
9         LittleBee willi = new LittleBee();
10        maja.fly();
11        maja.sting();
12        willi.snooze();
13        AngryHornet evil; ~
14        evil = new AngryHornet();
15        evil.sting();
16
17        ICanSting someStinger;
18        someStinger = maja;
19        someStinger.sting(); ~
20    }
21
22 }
23
```

Console :

```
<terminated> MeadowDemo [Java Application] C:\Program Files\Java\jre1.8.0_92\bin\javaw.exe (20.05.2016, 13:32:20)
brumm
pieks
schnarch!
MEGA-pieks
```

Java - zue3Wzw/src/zue3Wzw/MeadowDemo.java - Eclipse

```
File Edit Source Refactor Navigate Search Project Run Window Help
```

Packa... src

```
1 package zue3Wzw;
2
3 public class MeadowDemo {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         LittleBee maja;
8         maja = new LittleBee();
9         LittleBee willi = new LittleBee();
10        maja.fly();
11        maja.sting();
12        willi.snooze();
13        AngryHornet evil;
14        evil = new AngryHornet();
15        evil.sting();
16
17        ICanSting someStinger;
18        someStinger = evil; ~
19        someStinger.sting(); ~
20    }
21
22 }
23
```

Console :

```
<terminated> MeadowDemo [Java Application] C:\Program Files\Java\jre1.8.0_92\bin\javaw.exe (20.05.2016, 13:37:52)
brumm
pieks
schnarch!
MEGA-pieks ~
MEGA-pieks~
```

Java - zue3Wzw/src/zue3Wzw/MeadowDemo.java - Eclipse

```
File Edit Source Refactor Navigate Search Project Run Window Help
```

Packa... src

```
1 package zue3Wzw;
2
3 public class MeadowDemo {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         LittleBee maja;
8         maja = new LittleBee();
9         LittleBee willi = new LittleBee();
10        maja.fly();
11        maja.sting();
12        willi.snooze();
13        AngryHornet evil;
14        evil = new AngryHornet();
15        evil.sting();
16
17        ICanSting someStinger;
18        someStinger = evil;
19        someStinger.sting(); ~
20    }
21
22 }
23
```

Console :

```
<terminated> MeadowDemo [Java Application] C:\Program Files\Java\jre1.8.0_92\bin\javaw.exe (20.05.2016, 13:37:52)
brumm
pieks
schnarch!
MEGA-pieks ~
MEGA-pieks~
```

Java - zue3Wzw/src/zue3Wzw/Flower.java - Eclipse

```
File Edit Source Refactor Navigate Search Project Run Window Help
```

Packa... src

```
1 package zue3Wzw;
2
3 public class Flower {
4
5     double amountOfPollen;
6
7     pub|
```

Console <terminated> MeadowDemo [Java Application] C:\Program Files\Java\jre1.8.0_92\bin\javaw.exe (20.05.2016, 13:37:52)

```
brunn
pieks
schnarch!
MEGA-pieks
MEGA-pieks
```

Start | Writable | Smart Insert | 7 : 8 | DE | 97% | 13:40 | 20.05.2016

Java - zue3Wzw/src/zue3Wzw/Flower.java - Eclipse

```
File Edit Source Refactor Navigate Search Project Run Window Help
```

Packa... src

```
1 package zue3Wzw;
2
3 public class Flower {
4
5     double amountOfPollen;
6
7     public Flower(){
8         am|
```

Console <terminated> MeadowDemo [Java Application] C:\Program Files\Java\jre1.8.0_92\bin\javaw.exe (20.05.2016, 13:37:52)

```
brunn
pieks
schnarch!
MEGA-pieks
MEGA-pieks
```

Start | Writable | Smart Insert | 8 : 9 | DE | 97% | 13:40 | 20.05.2016

Java - zue3Wzw/src/zue3Wzw/Flower.java - Eclipse

```
File Edit Source Refactor Navigate Search Project Run Window Help
```

Packa... src

```
1 package zue3Wzw;
2
3 public class Flower {
4
5     double amountOfPollen;
6
7     public Flower(){
8         amountOfPollen = 100.0d;
9     }
10 }
```

Console <terminated> MeadowDemo [Java Application] C:\Program Files\Java\jre1.8.0_92\bin\javaw.exe (20.05.2016, 13:37:52)

```
brunn
pieks
schnarch!
MEGA-pieks
MEGA-pieks
```

Start | Writable | Smart Insert | 9 : 6 | DE | 97% | 13:40 | 20.05.2016

Java - zue3Wzw/src/zue3Wzw/Flower.java - Eclipse

```
File Edit Source Refactor Navigate Search Project Run Window Help
```

Packa... src

```
1 package zue3Wzw;
2
3 public class Flower {
4
5     double amountOfPollen;
6
7     public Flower(){
8         amountOfPollen = 100.0d;
9     }
10
11     public double yieldPollen(double howMuch){
```

Console <terminated> MeadowDemo [Java Application] C:\Program Files\Java\jre1.8.0_92\bin\javaw.exe (20.05.2016, 13:37:52)

```
brunn
pieks
schnarch!
MEGA-pieks
MEGA-pieks
```

Start | Writable | Smart Insert | 11 : 5 | DE | 97% | 13:41 | 20.05.2016

Java - zue3Wzw/src/zue3Wzw/Flower.java - Eclipse

```
File Edit Source Refactor Navigate Search Project Run Window Help
```

Packa... src

```
1 package zue3Wzw;
2
3 public class Flower {
4
5     double amountOfPollen;
6
7     public Flower(){
8         amountOfPollen = 100.0d;
9     }
10
11    public double yieldPollen(double howMuch){
12        double returnedPollen;
13        if(howMuch >= amountOfPollen)
14            returnedPollen = howMuch;
15        else
16            returnedPollen = amountOfPollen;
17        return returnedPollen;
18    }
19
20 }
21
```

Console

```
<terminated> MeadowDemo [Java Application] C:\Program Files\Java\jre1.8.0_92\bin\javaw.exe (20.05.2016, 13:37:52)
brunn
pieks
schnarch!
MEGA-pieks
MEGA-pieks
```

amountOfPollen cannot be resolved to a variable

Java - zue3Wzw/src/zue3Wzw/Flower.java - Eclipse

```
File Edit Source Refactor Navigate Search Project Run Window Help
```

Packa... src

```
1 package zue3Wzw;
2
3 public class Flower {
4
5     double amountOfPollen;
6
7     public Flower(){
8         amountOfPollen = 100.0d;
9     }
10
11    public double yieldPollen(double howMuch){
12        double returnedPollen;
13        if(howMuch < amountOfPollen)
14            returnedPollen = howMuch;
15        else
16            returnedPollen = amountOfPollen;
17        return returnedPollen;
18    }
19
20 }
21
```

Console

```
<terminated> MeadowDemo [Java Application] C:\Program Files\Java\jre1.8.0_92\bin\javaw.exe (20.05.2016, 13:37:52)
brunn
pieks
schnarch!
MEGA-pieks
MEGA-pieks
```

Java - zue3Wzw/src/zue3Wzw/Flower.java - Eclipse

```
File Edit Source Refactor Navigate Search Project Run Window Help
```

Packa... src

```
1 package zue3Wzw;
2
3 public class Flower {
4
5     double amountOfPollen;
6
7     public Flower(){
8         amountOfPollen = 100.0d;
9     }
10
11    public double yieldPollen(double howMuch){
12        double returnedPollen;
13        if(howMuch < amountOfPollen)
14            returnedPollen = howMuch;
15        else
16            returnedPollen = amountOfPollen;
17        amountOfPollen = amountOfPollen - returnedPollen;
18        return returnedPollen;
19    }
20
21 }
```

Console

```
<terminated> MeadowDemo [Java Application] C:\Program Files\Java\jre1.8.0_92\bin\javaw.exe (20.05.2016, 13:37:52)
brunn
pieks
schnarch!
MEGA-pieks
MEGA-pieks
```

amountOfPollen cannot be resolved to a variable

Java - zue3Wzw/src/zue3Wzw/Flower.java - Eclipse

```
File Edit Source Refactor Navigate Search Project Run Window Help
```

Packa... src

```
1 package zue3Wzw;
2
3 public class LittleBee extends FlyingInsect implements ICanSting{
4
5     double collectedPollen = 0;
6
7     public void sting(){
8         System.out.println("pieks");
9     }
10
11    public void snooze(){
12        System.out.println("schnarch!");
13    }
14 }
```

Console

```
<terminated> MeadowDemo [Java Application] C:\Program Files\Java\jre1.8.0_92\bin\javaw.exe (20.05.2016, 13:37:52)
brunn
pieks
schnarch!
MEGA-pieks
MEGA-pieks
```

Java - zue3Wzw/src/zue3Wzw/LittleBee.java - Eclipse

```
File Edit Source Refactor Navigate Search Project Run Window Help
```

Packa... src

```
1 package zue3Wzw;
2
3 public class LittleBee extends FlyingInsect implements ICanSting{
4
5     double collectedPollen = 0;
6
7     public void sting(){
8         System.out.println("pieks");
9     }
10
11    public void snooze(){
12        System.out.println("schnarch!");
13    }
14
15    public void collectPollen(Flower flower){
16        harvestedPollen = flower.yieldPollen();
17    }
18
19 }
```

Console

```
<terminated> MeadowDemo [Java Application] C:\Program Files\Java\jre1.8.0_92\bin\javaw.exe (20.05.2016, 13:37:52)
brumm
pieks
schnarch!
MEGA-pieks
MEGA-pieks
```

Start | Writable | Smart Insert | 16 : 9 | DE | 97% | 13:48 | 20.05.2016

Java - zue3Wzw/src/zue3Wzw/LittleBee.java - Eclipse

```
File Edit Source Refactor Navigate Search Project Run Window Help
```

Packa... src

```
1 package zue3Wzw;
2
3 public class LittleBee extends FlyingInsect implements ICanSting{
4
5     double collectedPollen = 0;
6
7     public void sting(){
8         System.out.println("pieks");
9     }
10
11    public void snooze(){
12        System.out.println("schnarch!");
13    }
14
15    public void collectPollen(Flower flower){
16        double harvestedPollen = flower.yieldPollen();
17        double howMuch;
18    }
19 }
```

Console

```
<terminated> MeadowDemo [Java Application] C:\Program Files\Java\jre1.8.0_92\bin\javaw.exe (20.05.2016, 13:37:52)
brumm
pieks
schnarch!
MEGA-pieks
MEGA-pieks
```

Start | Writable | Smart Insert | 16 : 60 | DE | 97% | 13:50 | 20.05.2016

Java - zue3Wzw/src/zue3Wzw/LittleBee.java - Eclipse

```
File Edit Source Refactor Navigate Search Project Run Window Help
```

Packa... src

```
1 package zue3Wzw;
2
3 public class LittleBee extends FlyingInsect implements ICanSting{
4
5     double collectedPollen = 0;
6
7     public void sting(){
8         System.out.println("pieks");
9     }
10
11    public void snooze(){
12        System.out.println("schnarch!");
13    }
14
15    public void collectPollen(Flower flower){
16        double harvestedPollen;
17        harvestedPollen = flower.yieldPollen(10.0d);
18        System.out.println("x");
19    }
20 }
```

Console

```
<terminated> MeadowDemo [Java Application] C:\Program Files\Java\jre1.8.0_92\bin\javaw.exe (20.05.2016, 13:37:52)
brumm
pieks
schnarch!
MEGA-pieks
MEGA-pieks
```

Start | Writable | Smart Insert | 17 : 9 | DE | 97% | 13:50 | 20.05.2016

Java - zue3Wzw/src/zue3Wzw/MeadowDemo.java - Eclipse

```
File Edit Source Refactor Navigate Search Project Run Window Help
```

Packa... src

```
1 package zue3Wzw;
2
3 public class MeadowDemo {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         LittleBee maja;
8         maja = new LittleBee();
9         LittleBee willi = new LittleBee();
10        maja.fly();
11        maja.sting();
12        willi.snooze();
13        AngryHornet evil;
14        evil = new AngryHornet();
15        evil.sting();
16
17        ICanSting someStinger;
18        someStinger = evil;
19        someStinger.sting();
20
21    }
22
23 }
24
25 }
```

Console

```
<terminated> MeadowDemo [Java Application] C:\Program Files\Java\jre1.8.0_92\bin\javaw.exe (20.05.2016, 13:37:52)
brumm
pieks
schnarch!
MEGA-pieks
MEGA-pieks
```

Start | Writable | Smart Insert | 19 : 29 | DE | 97% | 13:51 | 20.05.2016

Java - zue3Wzw/src/zue3Wzw/Flower.java - Eclipse

```
File Edit Source Refactor Navigate Search Project Run Window Help
```

Packa... src

```
1 package zue3Wzw;
2
3 public class Flower {
4
5     double amountOfPollen;
6
7     public Flower(){
8         amountOfPollen = 100.0d;
9     }
10
11    public double yieldPollen(double howMuch){
12        double returnedPollen;
13        if(howMuch <= amountOfPollen)
14            returnedPollen = howMuch;
15        else
16            returnedPollen = amountOfPollen;
17        this.amountOfPollen = amountOfPollen - returnedPollen;
18        return returnedPollen;
19    }
20
21 }
```

Console

```
<terminated> MeadowDemo [Java Application] C:\Program Files\Java\jre1.8.0_92\bin\javaw.exe (20.05.2016, 13:37:52)
brumm
pieks
schnarch!
MEGA-pieks
MEGA-pieks
```

Java - zue3Wzw/src/zue3Wzw/Flower.java - Eclipse

```
File Edit Source Refactor Navigate Search Project Run Window Help
```

Packa... src

```
1 package zue3Wzw;
2
3 public class Flower {
4
5     double amountOfPollen;
6
7     public Flower(){
8         amountOfPollen = 100.0d;
9     }
10
11    public double yieldPollen(double howMuch){
12        double returnedPollen;
13        if(howMuch <= amountOfPollen)
14            returnedPollen = howMuch;
15        else
16            returnedPollen = amountOfPollen;
17        this.amountOfPollen = amountOfPollen - returnedPollen;
18        System.out.println(amountOfPollen - returnedPollen);
19        return returnedPollen;
20    }
21
22 }
```

Console

```
<terminated> MeadowDemo [Java Application] C:\Program Files\Java\jre1.8.0_92\bin\javaw.exe (20.05.2016, 13:37:52)
brumm
pieks
schnarch!
MEGA-pieks
MEGA-pieks
```

Java - zue3Wzw/src/zue3Wzw/Flower.java - Eclipse

```
File Edit Source Refactor Navigate Search Project Run Window Help
```

Packa... src

```
1 package zue3Wzw;
2
3 public class Flower {
4
5     double amountOfPollen;
6
7     public Flower(){
8         amountOfPollen = 100.0d;
9     }
10
11    public double yieldPollen(double howMuch){
12        double returnedPollen;
13        if(howMuch < amountOfPollen)
14            returnedPollen = howMuch;
15        else
16            returnedPollen = amountOfPollen;
17        this.amountOfPollen = amountOfPollen - returnedPollen;
18        System.out.println("uebrige pollen: " + amountOfPollen);
19        return returnedPollen;
20    }
21
22 }
```

Console

```
<terminated> MeadowDemo [Java Application] C:\Program Files\Java\jre1.8.0_92\bin\javaw.exe (20.05.2016, 13:37:52)
brumm
pieks
schnarch!
MEGA-pieks
MEGA-pieks
```

Java - zue3Wzw/src/zue3Wzw/Flower.java - Eclipse

```
File Edit Source Refactor Navigate Search Project Run Window Help
```

Packa... src

```
1 package zue3Wzw;
2
3 public class Flower {
4
5     double amountOfPollen;
6
7     public Flower(){
8         amountOfPollen = 100.0d;
9     }
10
11    public double yieldPollen(double howMuch){
12        double returnedPollen;
13        if(howMuch <= amountOfPollen)
14            returnedPollen = howMuch;
15        else
16            returnedPollen = amountOfPollen;
17        this.amountOfPollen = amountOfPollen - returnedPollen;
18        System.out.println("uebrige pollen: " + amountOfPollen);
19        return returnedPollen;
20    }
21
22 }
```

Console

```
<terminated> MeadowDemo [Java Application] C:\Program Files\Java\jre1.8.0_92\bin\javaw.exe (20.05.2016, 13:37:52)
brumm
pieks
schnarch!
MEGA-pieks
MEGA-pieks
```

Java - zue3Wzw/src/zue3Wzw/Flower.java - Eclipse

```
File Edit Source Refactor Navigate Search Project Run Window Help
```

Packa... src

LittleBee.java AngryHornet.java FlyingInsect.java MeadowDemo.java ICanSting.java Flower.java

```
1 package zue3Wzw;
2
3 public class MeadowDemo {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         LittleBee maja;
8         maja = new LittleBee();
9         LittleBee willi = new LittleBee();
10        maja.fly();
11        maja.sting();
12        willi.snooze();
13        AngryHornet evil;
14        evil = new AngryHornet();
15        evil.sting();
16
17        ICanSting someStinger;
18        someStinger = evil;
19        someStinger.sting();
20
21        Flower flower1 = new Flower();
22        Flower flower2 = new Flower();
23
24    }
25
26 }
27
```

Console

```
<terminated> MeadowDemo [Java Application] C:\Program Files\Java\jre1.8.0_92\bin\javaw.exe (20.05.2016, 13:37:52)
brumm
pieks
schnarch!
MEGA-pieks
MEGA-pieks
```

Start | Writable | Smart Insert | 18 : 48 | DE | 97% | 13:53 | 20.05.2016

Java - zue3Wzw/src/zue3Wzw/MeadowDemo.java - Eclipse

```
File Edit Source Refactor Navigate Search Project Run Window Help
```

Packa... src

LittleBee.java AngryHornet.java FlyingInsect.java MeadowDemo.java ICanSting.java Flower.java

```
1 package zue3Wzw;
2
3 public class MeadowDemo {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         LittleBee maja;
8         maja = new LittleBee();
9         LittleBee willi = new LittleBee();
10        maja.fly();
11        maja.sting();
12        willi.snooze();
13        AngryHornet evil;
14        evil = new AngryHornet();
15        evil.sting();
16
17        ICanSting someStinger;
18        someStinger = evil;
19        someStinger.sting();
20
21        Flower flower1 = new Flower();
22        Flower flower2 = new Flower();
23
24        maja.collectPollen(flower1);
25
26 }
27
```

Console

```
<terminated> MeadowDemo [Java Application] C:\Program Files\Java\jre1.8.0_92\bin\javaw.exe (20.05.2016, 13:54:43)
schnarch!
MEGA-pieks
MEGA-pieks
uebrige pollen: 90.0
ei hab so schoen 10.0 mg pollen gesammelt
```

Start | DE | 97% | 13:54 | 20.05.2016

Debug - zue3Wzw/src/zue3Wzw/MeadowDemo.java - Eclipse

```
File Edit Source Refactor Navigate Search Project Run Window Help
```

Debug

MeadowDemo [Java Application]
zue3Wzw.MeadowDemo@49318
 Thread [main] (Suspended (breakpoint at line 9 in MeadowDemo))
 MeadowDemo.main(String[])
 C:\Program Files\Java\jre1.8.0_92\bin\javaw.exe (20.05.2016, 13:55:10)

Packa... src

LittleBee.java AngryHornet.java FlyingInsect.java MeadowDemo.java ICanSting.java Flower.java

```
1 package zue3Wzw;
2
3 public class MeadowDemo {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         LittleBee maja;
8         maja = new LittleBee();
9         LittleBee willi = new LittleBee();
10        maja.fly();
11        maja.sting();
12        willi.snooze();
13        AngryHornet evil;
14
15        ICanSting someStinger;
16        someStinger = evil;
17        someStinger.sting();
18
19        Flower flower1 = new Flower();
20        Flower flower2 = new Flower();
21
22        maja.collectPollen(flower1);
23
24    }
25
26 }
27
```

Variables

Name	Value
args	String[0] (d=16)
maja	LittleBee (d=18)

Outline

```
LittleBee.java AngryHornet.java FlyingInsect.java MeadowDemo.java ICanSting.java Flower.java
```

```
zue3Wzw
  MeadowDemo
    main(String[]): void
```

Console

```
MeadowDemo [Java Application] C:\Program Files\Java\jre1.8.0_92\bin\javaw.exe (20.05.2016, 13:55:10)
```

Start | Tasks | Writable | Smart Insert | 9 : 1 | DE | 97% | 13:55 | 20.05.2016

Debug - zue3Wzw/src/zue3Wzw/MeadowDemo.java - Eclipse

```
File Edit Source Refactor Navigate Search Project Run Window Help
```

Packa... src

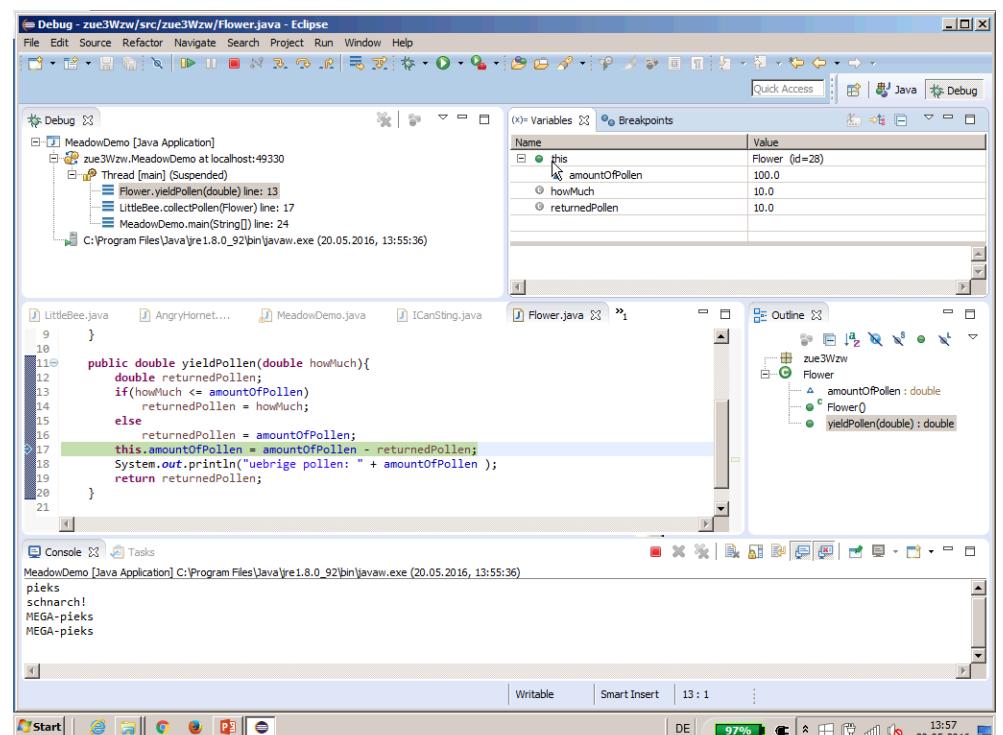
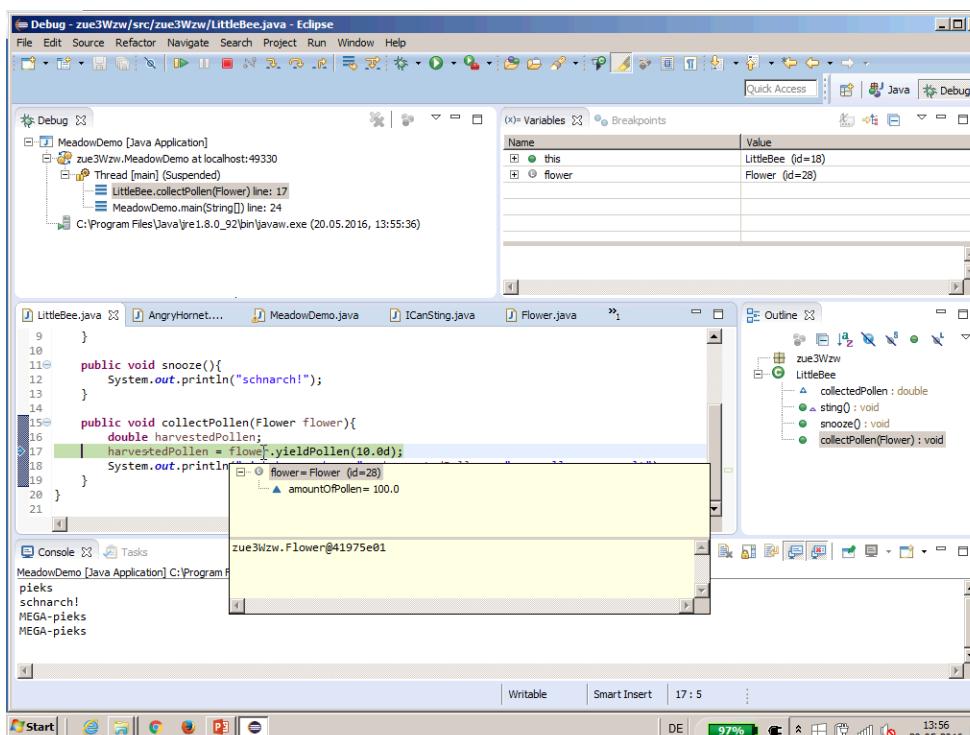
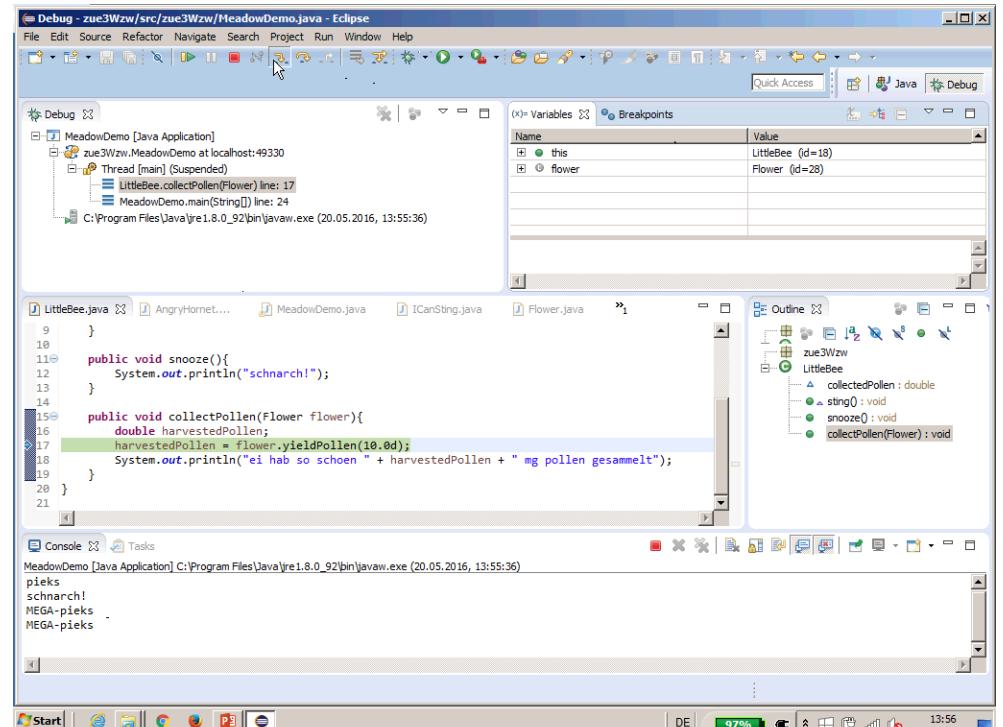
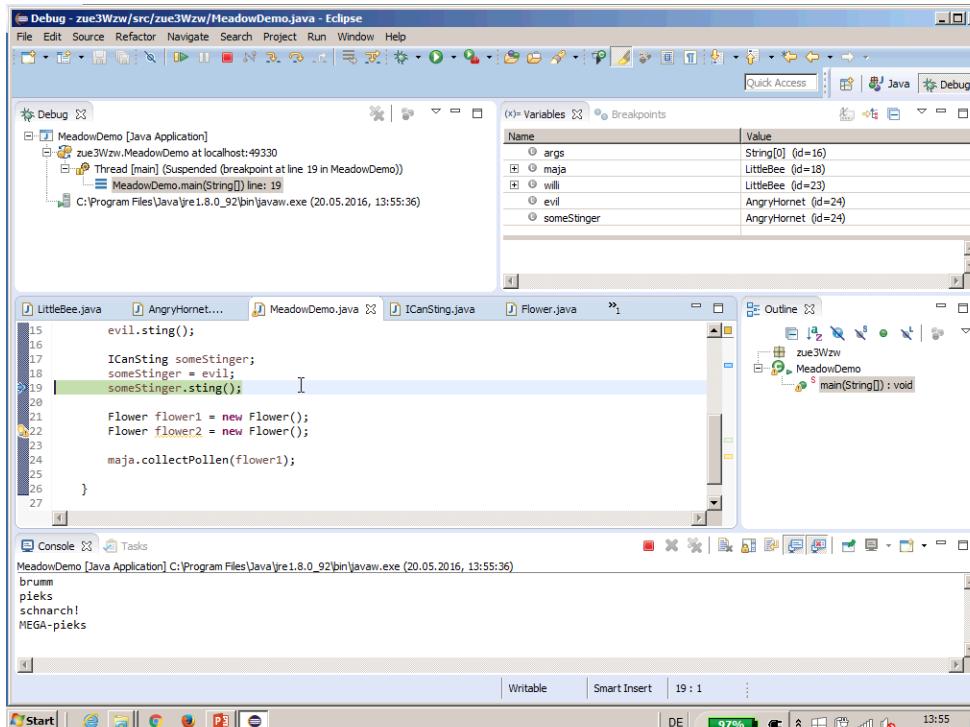
LittleBee.java AngryHornet.java FlyingInsect.java MeadowDemo.java ICanSting.java Flower.java

```
1 package zue3Wzw;
2
3 public class MeadowDemo {
4
5     public static void main(String[] args) {
6         // TODO Auto-generated method stub
7         LittleBee maja;
8         maja = new LittleBee();
9         LittleBee willi = new LittleBee();
10        maja.fly();
11        maja.sting();
12        willi.snooze();
13        AngryHornet evil;
14        evil = new AngryHornet();
15        evil.sting();
16
17        ICanSting someStinger;
18        someStinger = evil;
19        someStinger.sting();
20
21        Flower flower1 = new Flower();
22        Flower flower2 = new Flower();
23
24        maja.collectPollen(flower1);
25
26 }
27
```

Console

```
<terminated> MeadowDemo [Java Application] C:\Program Files\Java\jre1.8.0_92\bin\javaw.exe (20.05.2016, 13:55:10)
```

Start | DE | 97% | 13:55 | 20.05.2016



Eclipse - Debug - zue3Wzw/src/zue3Wzw/Flower.java - Eclipse

File Edit Source Refactor Navigate Search Project Run Window Help

Debug

MeadowDemo [Java Application]

- zue3Wzw.MeadowDemo at localhost:49330
- Thread [main] (Suspended)
 - LittleBee.collectPollen(Flower) line: 17
 - MeadowDemo.main(String[]) line: 24

C:\Program Files\Java\jre1.8.0_92\bin\javaw.exe (20.05.2016, 13:55:36)

LittleBee.java AngryHornet.java MeadowDemo.java ICanSting.java Flower.java

```

9
10
11  public void snooze(){
12      System.out.println("schnarch!");
13  }
14
15  public void collectPollen(Flower flower){
16      double harvestedPollen;
17      harvestedPollen = flower.yieldPollen(10.0d);
18      System.out.println("ei hab so schoen " + harvestedPollen + " mg pollen gesammelt");
19  }
20
21

```

Console Tasks

MeadowDemo [Java Application] C:\Program Files\Java\jre1.8.0_92\bin\javaw.exe (20.05.2016, 13:55:36)

schnarch!
MEGA-pieks
MEGA-pieks
uebrige pollen: 90.0

Start DE 97% 13:58 20.05.2016

Eclipse - Debug - zue3Wzw/src/zue3Wzw/LittleBee.java - Eclipse

File Edit Source Refactor Navigate Search Project Run Window Help

Debug

MeadowDemo [Java Application]

- zue3Wzw.MeadowDemo at localhost:49330
- Thread [main] (Suspended)
 - LittleBee.collectPollen(Flower) line: 18
 - MeadowDemo.main(String[]) line: 24

C:\Program Files\Java\jre1.8.0_92\bin\javaw.exe (20.05.2016, 13:55:36)

LittleBee.java AngryHornet.java MeadowDemo.java ICanSting.java Flower.java

```

9
10
11  public void snooze(){
12      System.out.println("schnarch!");
13  }
14
15  public void collectPollen(Flower flower){
16      double harvestedPollen;
17      harvestedPollen = flower.yieldPollen(10.0d);
18      System.out.println("ei hab so schoen " + harvestedPollen + " mg pollen gesammelt");
19  }
20
21

```

Console Tasks

MeadowDemo [Java Application] C:\Program Files\Java\jre1.8.0_92\bin\javaw.exe (20.05.2016, 13:55:36)

schnarch!
MEGA-pieks
MEGA-pieks
uebrige pollen: 90.0

Start DE 97% 13:58 20.05.2016

Eclipse - Java - zue3Wzw/src/zue3Wzw/MeadowDemo.java - Eclipse

File Edit Source Refactor Navigate Search Project Run Window Help

Packag... 23

- fasel
- studivzNew
- zue1Wzw
- zue2Wzw
- zue3Wzw
- src
 - zue3Wzw
 - AngryHornet.java
 - Flower.java
 - FlyingInsect.java
 - ICanSting.java
 - LittleBee.java
 - MeadowDemo.java

JRE System Library

LittleBee.java AngryHornet.java FlyingInsect.java MeadowDemo.java ICanSting.java Flower.java

```

3  public class MeadowDemo {
4
5      public static void main(String[] args) {
6          // TODO Auto-generated method stub
7          LittleBee maja;
8          maja = new LittleBee();
9          LittleBee willi = new LittleBee();
10         maja.fly();
11         maja.sting();
12         willi.snooze();
13         AngryHornet evil;
14         evil = new AngryHornet();
15         evil.sting();
16
17         ICanSting somestinger;
18         somestinger = evil;
19         somestinger.sting();
20
21         Flower flower1 = new Flower();
22         Flower flower2 = new Flower();
23
24         maja.collectPollen(flower1);
25
26     }
27
28 }
29

```

Console

<terminated> MeadowDemo [Java Application] C:\Program Files\Java\jre1.8.0_92\bin\javaw.exe (20.05.2016, 13:55:36)

pieks
schnarch!
MEGA-pieks
MEGA-pieks
uebrige pollen: 90.0
ei hab so schoen 10.0 mg pollen gesammelt

Writable Smart Insert 24:1

Start DE 97% 14:01 20.05.2016

Eclipse - Java - zue3Wzw/src/zue3Wzw/MeadowDemo.java - Eclipse

File Edit Source Refactor Navigate Search Project Run Window Help

Packag... 23

- fasel
- studivzNew
- zue1Wzw
- zue2Wzw
- zue3Wzw
- src
 - zue3Wzw
 - AngryHornet.java
 - Flower.java
 - FlyingInsect.java
 - ICanSting.java
 - LittleBee.java
 - MeadowDemo.java

JRE System Library

LittleBee.java AngryHornet.java FlyingInsect.java MeadowDemo.java ICanSting.java Flower.java

```

3  public class MeadowDemo {
4
5      public static void main(String[] args) {
6          // TODO Auto-generated method stub
7          LittleBee maja;
8          maja = new LittleBee();
9          LittleBee willi = new LittleBee();
10         maja.fly();
11         maja.sting();
12         willi.snooze();
13         AngryHornet evil;
14         evil = new AngryHornet();
15         evil.sting();
16
17         ICanSting somestinger;
18         somestinger = evil;
19         somestinger.sting();
20
21         Flower flower1 = new Flower();
22         Flower flower2 = new Flower();
23
24         maja.collectPollen(flower1, 20.0d);
25
26     }
27
28 }
29

```

Console

<terminated> MeadowDemo [Java Application] C:\Program Files\Java\jre1.8.0_92\bin\javaw.exe (20.05.2016, 14:02:16)

schnarch!
MEGA-pieks
MEGA-pieks
uebrige pollen: 80.0
ei hab so schoen 20.0 mg pollen gesammelt

Start DE 97% 14:01 20.05.2016

Java - zue3Wzw/src/zue3Wzw/LittleBee.java - Eclipse

```
File Edit Source Refactor Navigate Search Project Run Window Help
```

Pack... src

```
1 package zue3Wzw;
2
3 public class LittleBee extends FlyingInsect implements ICanSting{
4
5     double collectedPollen = 0;
6
7     public void sting(){
8         System.out.println("pieks");
9     }
10
11    public void snooze(){
12        System.out.println("schnarch!");
13    }
14
15    public void collectPollen(Flower flower, double amount){
16        double harvestedPollen;
17        harvestedPollen = flower.yieldPollen(amount);
18        System.out.println("ei hab so schoen " + harvestedPollen + " mg pollen gesammelt");
19        collectedPollen = collectedPollen + amount;
20    }
21}
```

Console

```
<terminated> MeadowDemo [Java Application] C:\Program Files\Java\jre1.8.0_92\bin\javaw.exe (20.05.2016, 14:02:16)
schnarch!
MEGA-pieks
MEGA-pieks
uebrige pollen: 80.0
ei hab so schoen 20.0 mg pollen gesammelt
```

Start | Writable | Smart Insert | 19 : 51 | DE | 97% | 14:03 | 20.05.2016

Java - zue3Wzw/src/zue3Wzw/LittleBee.java - Eclipse

```
File Edit Source Refactor Navigate Search Project Run Window Help
```

Pack... src

```
1 package zue3Wzw;
2
3 public class LittleBee extends FlyingInsect implements ICanSting{
4
5     double collectedPollen = 0;
6
7     public void sting(){
8         System.out.println("pieks");
9     }
10
11    public void snooze(){
12        System.out.println("schnarch!");
13    }
14
15    public void collectPollen(Flower flower, double amount){
16        double harvestedPollen;
17        harvestedPollen = flower.yieldPollen(amount);
18        System.out.println("ei hab so schoen " + harvestedPollen + " mg pollen gesammelt");
19        collectedPollen = collectedPollen + harvestedPollen;
20    }
21}
```

Console

```
<terminated> MeadowDemo [Java Application] C:\Program Files\Java\jre1.8.0_92\bin\javaw.exe (20.05.2016, 14:02:16)
schnarch!
MEGA-pieks
MEGA-pieks
uebrige pollen: 80.0
ei hab so schoen 20.0 mg pollen gesammelt
```

Start | Writable | Smart Insert | 19 : 59 | DE | 97% | 14:04 | 20.05.2016

Java - zue3Wzw/src/zue3Wzw/LittleBee.java - Eclipse

```
File Edit Source Refactor Navigate Search Project Run Window Help
```

Pack... src

```
3
4     double collectedPollen = 0;
5
6     public void sting(){
7         System.out.println("pieks");
8     }
9
10    public void snooze(){
11        System.out.println("schnarch!");
12    }
13
14    public void collectPollen(Flower flower, double amount){
15        double harvestedPollen;
16        harvestedPollen = flower.yieldPollen(amount);
17        System.out.println("ei hab so schoen " + harvestedPollen + " mg pollen gesammelt");
18        collectedPollen = collectedPollen + harvestedPollen;
19    }
20
21    public void collect2(Flower flower, double amount){
22        double harvestedPollen;
23        harvestedPollen = flower.yieldPollen(amount);
24        System.out.println("ei hab so schoen " + harvestedPollen + " mg pollen gesammelt");
25        collectedPollen = collectedPollen + harvestedPollen;
26    }
27
28}
```

Console

```
<terminated> MeadowDemo [Java Application] C:\Program Files\Java\jre1.8.0_92\bin\javaw.exe (20.05.2016, 14:02:16)
schnarch!
MEGA-pieks
MEGA-pieks
uebrige pollen: 80.0
ei hab so schoen 20.0 mg pollen gesammelt
```

Start | Writable | Smart Insert | 23 : 1 | DE | 97% | 14:05 | 20.05.2016

Java - zue3Wzw/src/zue3Wzw/LittleBee.java - Eclipse

```
File Edit Source Refactor Navigate Search Project Run Window Help
```

Pack... src

```
4
5     double collectedPollen = 0;
6
7     public void sting(){
8         System.out.println("pieks");
9     }
10
11    public void snooze(){
12        System.out.println("schnarch!");
13    }
14
15    public void collectPollen(Flower flower, double amount){
16        double harvestedPollen;
17        harvestedPollen = flower.yieldPollen(amount);
18        System.out.println("ei hab so schoen " + harvestedPollen + " mg pollen gesammelt");
19        collectedPollen = collectedPollen + harvestedPollen;
20    }
21
22    public void collect2(Flower flower, double amount){
23        double harvestedPollen;
24        harvestedPollen = flower.yieldPollen(amount);
25        System.out.println("ei hab so schoen " + harvestedPollen + " mg pollen gesammelt");
26        collectedPollen = collectedPollen + harvestedPollen;
27    }
28}
```

Console

```
<terminated> MeadowDemo [Java Application] C:\Program Files\Java\jre1.8.0_92\bin\javaw.exe (20.05.2016, 14:02:16)
schnarch!
MEGA-pieks
MEGA-pieks
uebrige pollen: 80.0
ei hab so schoen 20.0 mg pollen gesammelt
```

Start | Writable | Smart Insert | 16 : 31 | DE | 97% | 14:05 | 20.05.2016

The screenshot shows the Eclipse IDE interface with the following details:

- Title Bar:** Java - zue3Wzw/src/zue3Wzw/LittleBee.java - Eclipse
- Menu Bar:** File, Edit, Source, Refactor, Navigate, Search, Project, Run, Window, Help
- Toolbar:** Includes icons for New, Open, Save, Cut, Copy, Paste, Find, Select All, etc.
- Quick Access:** A search bar at the top right.
- Project Explorer (left):** Shows the project structure with packages like fasel, studivzNew, zue1Wzw, zue2Wzw, and zue3Wzw, and source files like AngryHornet.java, FlyingInsect.java, MeadowDemo.java, ICanSting.java, and Flower.java.
- Code Editor (center):** Displays the content of LittleBee.java. The code defines a class LittleBee with methods for stinging, snoozing, collecting pollen from flowers, and a modified collect method that also prints available pollen. The code uses System.out.println statements for output.
- Console (bottom):** Shows the terminal output of the application. It prints "schnarch!", "MEGA-pieks", "MEGA-pieks", "uebrige pollen: 80.0", and "ei hab so schoen 20.0 mg pollen gesammelt".
- Status Bar (bottom):** Shows Writable, Smart Insert, 25 : 55, DE, 97%, battery level, signal strength, and a timestamp of 14:06 20.05.2016.

The screenshot shows the Eclipse IDE interface with the following details:

- Title Bar:** Java - zue3Wzw/src/zue3Wzw/LittleBee.java - Eclipse
- Menu Bar:** File, Edit, Source, Refactor, Search, Project, Run, Window, Help
- Toolbar:** Includes icons for New, Open, Save, Cut, Copy, Paste, Find, Select All, etc.
- Quick Access:** A search bar at the top right.
- Packager:** Shows the current project structure.
- Project Explorer:** Shows packages: fasel, studivzNew, zue1Wzw, zue2Wzw, zue3Wzw, and src. Under src, there are files: AngryHorn, Flower.java, FlyingInse, ICanString, LittleBee.java, and MeadowDi.
- Java Editor:** The active editor shows the code for LittleBee.java. The code includes methods for sting(), snooze(), collectPollen(), and collect2(). It uses System.out.println() to print "pieks", "schnarch!", and messages about pollen collection.
- Console:** Shows the output of the application. It prints "schnarch!", "MEGA-pieks", "MEGA-pieks", "uebrig pollen: 80.0", and "ei hab so schoen 20.0 mg pollen gesammelt".
- Bottom Status Bar:** Writable, Smart Insert, 25 : 34, battery level 97%, and system icons.

The screenshot shows the Eclipse IDE interface with the following details:

- Title Bar:** Java - zue3Wzw/src/zue3Wzw/LittleBee.java - Eclipse
- Menu Bar:** File, Edit, Source, Refactor, Navigate, Search, Project, Run, Window, Help
- Toolbar:** Standard Eclipse toolbar icons.
- Quick Access:** A dropdown menu showing recent files like AngryHornet.java, FlyingInsect.java, MeadowDemo.java, ICanSing.java, and Flower.java.
- Project Explorer:** Shows the project structure under "fasel". The "src" folder contains packages "zue3Wzw" and "studivZw". "zue3Wzw" contains classes "AngryHornet.java", "Flower.java", "FlyingInsect.java", "ICanSing.java", "LittleBee.java", and "MeadowDemo.java". "studivZw" contains a file "studivZwNew".
- Code Editor:** Displays the Java code for "LittleBee.java". The code includes methods for sting(), snooze(), collectPollen(Flower flower, double amount), and collect2(Flower flower, double amount). It uses System.out.println() for output and handles pollen collection logic.
- Console:** Shows the terminal output of the application. The output is:

```
<terminated> MeadowDemo [Java Application] C:\Program Files\Java\jre1.8.0_92\bin\javaw.exe (20.05.2016, 14:02:16)
schnarch!
MEGA-pieks
MEGA-pieks
uebrig pollen: 80.0
ei hab so schoen 20.0 mg pollen gesammelt
```
- Status Bar:** Shows the status bar with "Writable", "Smart Insert", "26 : 68", and battery level at 97%.

The screenshot shows the Eclipse IDE interface with the following details:

- Title Bar:** Java - zue3Wzw/src/zue3Wzw/LittleBee.java - Eclipse
- Menu Bar:** File, Edit, Source, Refactor, Navigate, Project, Run, Window, Help
- Toolbar:** Includes icons for New, Open, Save, Cut, Copy, Paste, Find, Replace, and others.
- Quick Access:** A search bar at the top right.
- Java Perspective:** Indicated by the Java icon in the toolbar.
- Project Explorer:** Shows the project structure with packages: fasel, studivsNew, zue1Wzw, zue2Wzw, and zue3Wzw. The zue3Wzw package contains a src folder with files: AngryHornr, Flower, FlyingInse, ICanSing, LittleBee, and MeadowOr. A JRE System Library entry is also listed.
- Code Editor:** Displays the content of LittleBee.java. The code defines a class LittleBee with methods snooze, collectPollen, and collect2. The collect2 method demonstrates a conditional logic error where it subtracts available pollen from flower.amountOfPollen instead of harvested pollen.
- Console:** Shows the terminal output of the application MeadowDemo. The output includes:

```
<terminated> MeadowDemo [Java Application] C:\Program Files\Java\jre1.8.0_92\bin\javaw.exe (20.05.2016, 14:02:16)
schnarch!
MEGA-pieks
MEGA-pieks
uebrige pollen: 80.0
ei hab so schoen 20.0 mg pollen gesammelt
```
- Status Bar:** Shows Writable, SmartInsert, 28 : 64, DE, 97%, and system icons.

```

10
11    public void snooze(){
12        System.out.println("schnarch!");
13    }
14
15    public void collectPollen(Flower flower, double amount){
16        double harvestedPollen;
17        harvestedPollen = flower.yieldPollen(amount);
18        System.out.println("ei hab so schoen " + harvestedPollen + " mg pollen gesammelt");
19        collectedPollen = collectedPollen + harvestedPollen;
20    }
21
22    public void collect2(Flower flower, double amount){
23        double harvestedPollen;
24        double available = flower.amountOfPollen;
25        if (amount <= available){
26            flower.amountOfPollen = flower.amountOfPollen - amount;
27            harvestedPollen = amount;
28        } else{
29            flower.amountOfPollen = flower.amountOfPollen - available;
30            harvestedPollen = available;
31        }
32        System.out.println("ei hab so schoen " + harvestedPollen + " mg pollen gesammelt");
33        collectedPollen = collectedPollen + harvestedPollen;
34    }
35

```

Console output:

```

<terminated> MeadowDemo [Java Application] C:\Program Files\Java\jre1.8.0_92\bin\javaw.exe (20.05.2016, 14:02:16)
schnarch!
MEGA-pieks
MEGA-pieks
uebrige pollen: 80.0
ei hab so schoen 20.0 mg pollen gesammelt

```

Variablen

- **Definition Variable** (informell): mit einem **Bezeichner** (Name) versehener **Platzhalter für Werte** eines bestimmten **Typs**. Variablen haben eine **Adresse im Speicher**.
- Variablen (bzw. ihre Werte) haben einen **Typ**:
 - primitiver Typ oder
 - Referenztyp

	(Typ-)Definition	Deklaration	Instantiierung	Manipulation	Test auf Gleichheit
Primitiv	(vordefiniert)	int a;	a = 117;	a = b + 42;	a == b;
Referenz	class Student { // Fields and // methods ... }	Student heiner;	heiner = new Student();	heiner = horst; <small>je nach Betrachtungsweise auch (Vorsicht! → genaue Definition! Siehe Folie 58ff.):</small> heiner.age = 21; heiner.yawn();	heiner.equals(horst);

```

10
11    public void snooze(){
12        System.out.println("schnarch!");
13    }
14
15    public void collectPollen(Flower flower, double amount){
16        double harvestedPollen;
17        harvestedPollen = flower.yieldPollen(amount);
18        System.out.println("ei hab so schoen " + harvestedPollen + " mg pollen gesammelt");
19        collectedPollen = collectedPollen + harvestedPollen;
20    }
21
22    public void collect2(Flower flower, double amount){
23        double harvestedPollen;
24        double available = flower.amountOfPollen;
25        if (amount <= available){
26            flower.amountOfPollen = flower.amountOfPollen - amount;
27            harvestedPollen = amount;
28        } else{
29            flower.amountOfPollen = flower.amountOfPollen - available;
30            harvestedPollen = available;
31        }
32        System.out.println("ei hab so schoen " + harvestedPollen + " mg pollen gesammelt");
33        collectedPollen = collectedPollen + harvestedPollen;
34    }
35

```

Console output:

```

<terminated> MeadowDemo [Java Application] C:\Program Files\Java\jre1.8.0_92\bin\javaw.exe (20.05.2016, 14:02:16)
schnarch!
MEGA-pieks
MEGA-pieks
uebrige pollen: 80.0
ei hab so schoen 20.0 mg pollen gesammelt

```

Variablen

- **Definition Variable** (informell): mit einem **Bezeichner** (Name) versehener **Platzhalter für Werte** eines bestimmten **Typs**. Variablen haben eine **Adresse im Speicher**.
- Variablen (bzw. ihre Werte) haben einen **Typ**:
 - primitiver Typ oder
 - Referenztyp

	(Typ-)Definition	Deklaration	Instantiierung	Manipulation	Test auf Gleichheit
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Variablen

- **Definition Variable** (informell): mit einem **Bezeichner** (Name) versehener Platzhalter für Werte eines bestimmten **Typs**. Variablen haben eine **Adresse im Speicher**.
- Variablen (bzw. ihre Werte) haben einen **Typ**:
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	(Typ-)Definition	Deklaration	Instantiierung	Manipulation	Test auf Gleichheit
Primitiv	(vordefiniert)	int a;	a = 117;	a = b + 42;	a == b;
Referenz	class Student { // Fields and // methods ... }	Student heiner;	heiner = new Student();	heiner = horst; <small>je nach Betrachtungsweise auch (Vorsicht! ↗ genaue Definition! Siehe Folie 58ff.):</small> heiner.age = 21; heiner.yawn();	heiner.equals(horst);

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Variablen

Vereinfachtes Speicher-Modell

Zellnr (Adresse)	Zellname (Variablenname)	Zellinhalt	Daten (bspw. Attribute)
1123	horst	101	
1124	heiner	56384658	
1125		37465845	
...	
1150	bike1.cadence	0	
1151	bike1.speed	0	
1152	bike1.gear	3	
...	
1330	bike2.cadence	0	
1331	bike2.speed	0	
1332	bike2.gear	1	
1333	bike2.seatHeight	15	
...	
4027		void changeCadence(int newValue) {	
4028		cadence = newValue;	
4029		}	
...	
4035		int horst = 101;	

Daten (bspw. Attribute)

Instruktionen der Methoden

Variablen

Vereinfachtes Speicher-Modell

Zellnr (Adresse)	Zellname (Variablenname)	Zellinhalt	Daten (bspw. Attribute)
1123	horst	101	
1124	heiner	56384658	
1125		37465845	
...	
1150	bike1.cadence	0	
1151	bike1.speed	0	
1152	bike1.gear	3	
...	
1330	bike2.cadence	0	
1331	bike2.speed	0	
1332	bike2.gear	1	
1333	bike2.seatHeight	15	
...	
4027		void changeCadence(int newValue) {	
4028		cadence = newValue;	
4029		}	
...	
4035		int horst = 101;	

Variablen

Vereinfachtes Speicher-Modell

Zellnr (Adresse)	Zellname (Variablenname)	Zellinhalt	Daten (bspw. Attribute)
1123	horst	101	
1124	heiner	56384658	
1125		37465845	
...	
1150	bike1.cadence	0	
1151	bike1.speed	0	
1152	bike1.gear	3	
...	
1330	bike2.cadence	0	
1331	bike2.speed	0	
1332	bike2.gear	1	
1333	bike2.seatHeight	15	
...	
4027		void changeCadence(int newValue) {	
4028		cadence = newValue;	
4029		}	
...	
4035		int horst = 101;	

Daten (bspw. Attribute)

Instruktionen der Methoden

Variablen

Vereinfachtes Speicher-Modell

Zellnr (Adresse)	Zellname (Variablenname)	Zellinhalt	
1123	horst	101	
1124	heiner	56384658	
1125		37465845	
...	
1150	bike1.cadence	0	
1151	bike1.speed	0	
1152	bike1.gear	3	
...	
1330	bike2.cadence	0	
1331	bike2.speed	0	
1332	bike2.gear	1	
1333	bike2.seatHeight	15	
...	
4027		void changeCadence(int newValue) {	Daten (bspw. Attribute)
4028		cadence = newValue;	Instruktionen der Methoden
4029		}	
...	
4035		int horst = 101;	

Primitive Typen:

```
int horst = 101;  
long heiner;  
heiner = 5638465837465845;
```



Referenz Typen:

```
Bicycle bike1 = new Bicycle();  
bike1.gear = 3;  
  
MountainBike bike2 =  
new MountainBike();
```