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The screenshot shows the NetBeans IDE 8.0.2 interface. The 'Projects' window on the left displays a project named 'DefaultModifier' with a package 'TugasInheritance' containing several Java files. The 'BangunDatar - Navigator' window shows the members of the 'BangunDatar' class: 'hitungKeliling() : double', 'hitungLuas()', 'keliling : double', and 'luas : double'. The main editor window displays the source code of 'BangunDatar.java'. The code includes a package declaration, a comment, and the class definition with protected attributes 'luas' and 'keliling', and protected methods 'hitungLuas()' and 'hitungKeliling()'. The 'Output' window at the bottom shows the results of running the program, including the output of the 'hitungLuas()' and 'hitungKeliling()' methods.

```
3  * To change this template file, choose Tools | Templates
4  * and open the template in the editor.
5  */
6  package TugasInheritance;
7
8  /**
9   *
10   * @author Robby
11   */
12  @
13  public class BangunDatar {
14      protected double luas;
15      protected double keliling;
16
17      protected void hitungLuas() {
18
19      }
20
21      protected double hitungKeliling() {
22          return keliling;
23      }
24  }
```

Output - DefaultModifier (run) x

```
run:
Luas bangun datar persegi : 25.0
Keliling bangun datar persegi: 20.0
BUILD SUCCESSFUL (total time: 19 seconds)
```

The screenshot shows the NetBeans IDE 8.0.2 interface. The 'Projects' window on the left displays a project named 'DefaultModifier' with a package 'TugasInheritance' containing several Java files. The 'Persegi - Navigator' window shows the members of the 'Persegi' class: 'hitungKeliling() : double', 'hitungLuas()', 'main(String[] args)', and 'sis : double'. The main editor window displays the source code of 'Persegi.java'. The code includes a package declaration, a comment, and the class definition which extends 'BangunDatar'. It overrides the 'hitungLuas()' and 'hitungKeliling()' methods and includes a 'main' method. The 'Output' window at the bottom shows the results of running the program, including the output of the 'hitungLuas()' and 'hitungKeliling()' methods.

```
9
10  *
11  * @author Robby
12  */
13  public class Persegi extends BangunDatar {
14      protected double sis;
15
16      @Override
17      protected void hitungLuas() {
18          super.luas = sis*sisi;
19          System.out.println("Luas bangun datar persegi : " + luas);
20      }
21
22      @Override
23      protected double hitungKeliling() {
24          super.keliling = 4*sisi;
25          System.out.println("Keliling bangun datar persegi" + keliling);
26          return keliling;
27      }
28
29      public static void main(String[] args) {
30          Persegi persegi = new Persegi();
31          persegi.sisi = 5;
32          persegi.hitungLuas();
33          persegi.hitungKeliling();
34      }
35  }
```

Output - DefaultModifier (run) x

```
run:
Luas bangun datar persegi : 25.0
Keliling bangun datar persegi: 20.0
BUILD SUCCESSFUL (total time: 19 seconds)
```

DefaultModifier - NetBeans IDE 8.0.2

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help

Search (Ctrl+I)

Projects Files Services

Libraries

DefaultModifier

Source Packages

TugasInheritance

BangunDatar.java

Persegi.java

PersegiPanjang.java

Segitiga.java

SegitigaSamaKaki.java

SegitigaSamaSisi.java

noo

praktikum.pbo.package1

Test Packages

Libraries

Test1.Libraries

PersegiPanjang - Navigator

Members

PersegiPanjang :: BangunDatar

hitungKeliling() : double

hitungLuas() : double

main(String[] args)

lebar : double

panjang : int

Source

```
12 public class PersegiPanjang extends BangunDatar {
13     protected int panjang;
14     protected double lebar;
15
16     @Override
17     protected void hitungLuas() {
18         super.luas = panjang*lebar;
19         System.out.println("Luas bangun datar persegi panjang : " + luas);
20     }
21
22     @Override
23     protected double hitungKeliling() {
24         super.keliling = (2*panjang)+(2*lebar);
25         System.out.println("Keliling bangun datar persegi panjang : " + keliling);
26         return keliling;
27     }
28     public static void main(String[] args) {
29         PersegiPanjang pp = new PersegiPanjang();
30         pp.panjang = 15;
31         pp.lebar = 10;
32         pp.hitungLuas();
33         pp.hitungKeliling();
34     }
35 }
36
```

Output - DefaultModifier (run)

run:

Luas bangun datar persegi panjang :150.0

Keliling bangun datar persegi panjang :50.0

BUILD SUCCESSFUL (total time: 3 seconds)

DefaultModifier - NetBeans IDE 8.0.2

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Search (Ctrl+I)

Projects Files Services

Libraries

DefaultModifier

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TugasInheritance

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SegitigaSamaSisi.java

noo

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Test Packages

Libraries

Test1.Libraries

Segitiga - Navigator

Members

Segitiga :: BangunDatar

hitungLuas() : double

main(String[] args)

alas : double

tinggi : int

Source

```
10 * @author Robby
11 */
12 public class Segitiga extends BangunDatar{
13     protected double alas ;
14     int tinggi ;
15
16     @Override
17     protected void hitungLuas() {
18         super.luas = 0.5*alas*tinggi;
19         System.out.println("Luas bangun datarsegitiga : " + luas);
20     }
21
22     public static void main(String[] args) {
23         Segitiga sgt = new Segitiga();
24         sgt.tinggi = 15;
25         sgt.alas = 20;
26         sgt.hitungLuas();
27     }
28 }
29
```

Output - DefaultModifier (run)

run:

Luas bangun datarsegitiga :150.0

BUILD SUCCESSFUL (total time: 1 second)

