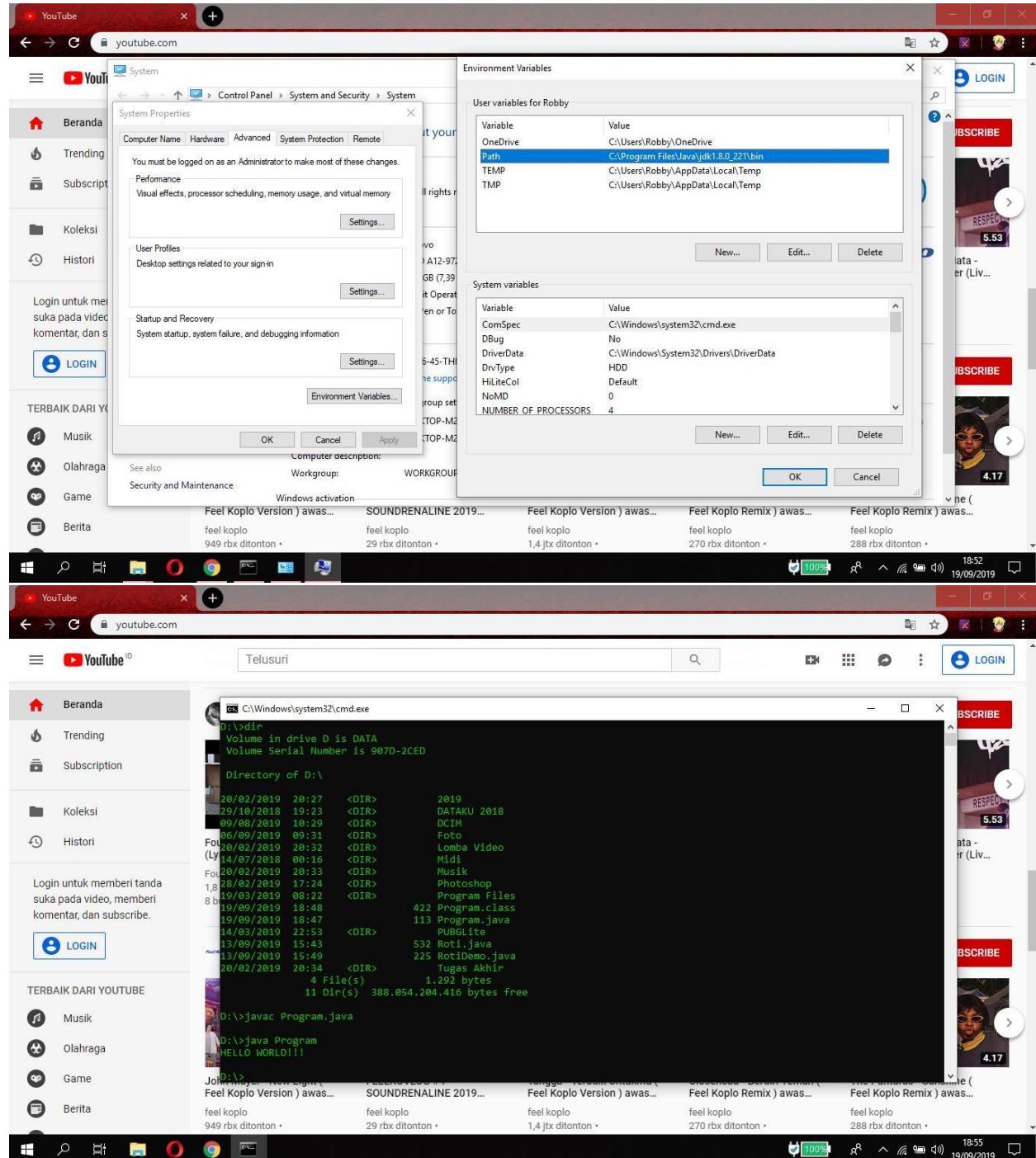


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MODUL 1



MODUL 2

The screenshot shows a Windows desktop environment. In the center, there are two Notepad windows side-by-side. The left window is titled "Roti.java - Notepad" and contains Java code for a "Roti" class. The right window is titled "RotiDemo.java - Notepad" and contains Java code for a "RotiDemo" class. Below these windows is a Command Prompt window titled "Windows (CRLF) Ln 1, Col 1 100%". The prompt shows the execution of Java files: "E:\>javac Roti.java", "E:\>javac RotiDemo.java", and "E:\>java RotiDemo". The output of the last command is displayed, showing the properties of a roti object. At the bottom of the screen is a taskbar with various icons and a system tray showing the date and time.

```
Roti.java - Notepad
File Edit Format View Help
public class Roti {
    String warna;
    String rasa;
    int berat;
    double harga;
    void beriWarna(String warnaRoti) {
        warna = warnaRoti;
    }
    void berirasa(String rasaRoti) {
        rasa = rasaRoti;
    }
    void timbangBerat(int beratRoti) {
        berat = beratRoti;
    }
    void hargajual(double hargaRoti) {
        harga = hargaRoti;
    }
    void infoRoti() {
        System.out.println(
            "Warna Roti : " + warna + "\n" +
            "Rasa Roti : " + rasa + "\n" +
            "Berat Roti : " + berat + "gr" + "\n" +
            "Harga Roti : Rp. " + harga);
    }
}

RotiDemo.java - Notepad
File Edit Format View Help
public class RotiDemo{
    public static void main(String[] args) {
        Roti roti = new Roti();
        roti.beriWarna("Hijau");
        roti.berirasa("Pandan");
        roti.timbangBerat(30);
        roti.hargajual(6000);
        roti.infoRoti();
    }
}

Windows (CRLF) Ln 1, Col 1 100%
C:\Windows\system32\cmd.exe
Microsoft Windows [Version 10.0.17763.737]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\Robby>e:
E:\>javac Roti.java
E:\>javac RotiDemo.java
E:\>java RotiDemo
Warna Roti : Hijau
Rasa Roti : Pandan
Berat Roti : 30gr
Harga Roti : Rp. 6000.0
E:\>
```

TUGAS 2

The screenshot shows a Windows desktop environment. On the left, there is a File Explorer window titled "This PC > Data1 (E) > Prak 3" showing files in the "Data1" folder. The files listed are "Hewan.java", "HewanDemo.java", "Roti.java", and "RotiDemo.java". In the center, there is a Notepad window titled "HewanDemo.java - Notepad" containing Java code for a "HewanDemo" class. The code creates a "Hewan" object, sets its color to "Hitam Kecoklatan", sets its number of legs to 4, and sets its category to "Jinak". It then calls the "infoHewan" method. At the bottom of the screen is a taskbar with various icons and a system tray showing the date and time.

```
HewanDemo.java - Notepad
File Edit Format View Help
public class HewanDemo{
    public static void main(String[] args) {
        Hewan hewan = new Hewan();
        hewan.beriWarna("Hitam Kecoklatan");
        hewan.jumlahKaki("4");
        hewan.timbangBerat(4);
        hewan.kategoriHewan("Jinak");
        hewan.infoHewan();
    }
}
```

The screenshot shows a Windows desktop environment. On the left, a File Explorer window displays a folder structure under 'Prak 3'. Inside 'Prak 3' are subfolders 'Data1 (E:)' and 'Data2 (F:)'. The 'Data1 (E:)' folder contains files: 'Hewan.java', 'HewanDemo.java', 'Roti.java', and 'RotiDemo.java'. On the right, a Notepad window titled 'Hewan.java - Notepad' shows the following Java code:

```
public class Hewan {  
    String warna;  
    String kaki;  
    int berat;  
    String kategori;  
  
    void beriWarna(String warnaHewan) {  
        warna = warnaHewan;  
    }  
  
    void jumlahKaki(String kakiHewan) {  
        kaki = kakiHewan;  
    }  
  
    void timbangBerat(int beratHewan) {  
        berat = beratHewan;  
    }  
  
    void kategoriHewan(String sifatHewan) {  
        kategori = sifatHewan;  
    }  
  
    void infoHewan() {  
        System.out.println(  
            "Warna Hewan : " + warna + "\n" +  
            "Jumlah Kaki : " + kaki + "\n" +  
            "Berat Hewan : " + berat + " KG" + "\n" +  
            "Kategori : " + kategori);  
    }  
}
```

The screenshot shows a Windows desktop environment with a Command Prompt window open on drive E. The window title is 'cmd.exe'. The command 'dir' is run, showing the directory contents of E:.

Date	Time	File/Folder	Size
06/09/2010	08:15	66.700.880 construct2-r265-setup.exe	
28/09/2010	15:07	1.089 Hewan.class	
28/09/2010	14:57	561 Hewan.java	
28/09/2010	15:07	527 HewanDemo.class	
28/09/2010	15:07	252 HewanDemo.java	
12/09/2010	11:52	<DIR> Java - JDK	
12/09/2010	11:50	1.089.150 java_tutorial.pdf	
12/09/2010	11:43	98.627.984 netbeans-8.2-javase-windows.exe	
13/09/2010	15:46	228 RotiDemo.java	
06/09/2010	08:18	<DIR> Unity-2018.2.0f1	
		8 File(s) 166.420.599 bytes	
		2 Dir(s) 369.870.835.712 bytes free	

Below the directory listing, the user runs the commands 'javac Hewan.java' and 'javac HewanDemo.java'. After compilation, the user runs 'java HewanDemo' and sees the output:

```
E:\>java HewanDemo  
Warna Hewan : Hitam Kecoklatan  
Jumlah Kaki : 4  
Berat Hewan : 4 KG  
Kategori : Jinak
```

TUGAS 3

The screenshot shows a Windows desktop environment. In the top-left, there's a Notepad window titled "Car.java - Notepad" containing Java code for a "Car" class. In the top-right, another Notepad window titled "CarDemo.java - Notepad" contains Java code for a "CarDemo" class. Below these, a Command Prompt window titled "C:\Windows\system32\cmd.exe" is open, showing the output of running the Java files. The desktop taskbar at the bottom has icons for File Explorer, Task View, Start, and other applications.

```

Car.java - Notepad
File Edit Format View Help
public class Car {
    int cadence;
    int speed;
    int gear;

    void changeCadence(int changeCadence) {
        cadence = changeCadence;
    }

    void speedUp(int speedUp) {
        speed = speedUp;
    }

    void changeGear(int changeGear) {
        gear = changeGear;
    }

    void infoCar() {
        System.out.println(
            "Cadence : " + cadence + "\n" +
            "Speed : " + speed + "\n" +
            "Gear : " + gear + "\n" + "\n");
    }
}

CarDemo.java - Notepad
File Edit Format View Help
public class CarDemo{
    public static void main(String[] args) {
        Car car1 = new Car();
        Car car2 = new Car();

        car1.changeCadence(50);
        car1.speedUp(20);
        car1.changeGear(2);
        car1.printInfo();

        car2.changeCadence(30);
        car2.speedUp(10);
        car2.changeGear(1);
        car2.printInfo();
    }
}

C:\Windows\system32\cmd.exe
26/09/2019 15:17 327.842 Prak_3.rar
06/09/2019 08:18 <DIR> Unity-2018.2.9f1
          10 File(s) 166.749.595 bytes
          3 Dir(s) 369.869.393.920 bytes free

E:\>javac Car.java
E:\>javac CarDemo.java
E:\>java CarDemo
Cadence : 50
Speed : 20
Gear : 2

Cadence : 30
Speed : 10
Gear : 1

E:\>

```

MODUL 3

The screenshot shows a Sublime Text editor with two tabs: "LocalVariable.java" and "MethodParameter.java". The "LocalVariable.java" tab contains Java code for a "LocalVariable" class with methods to calculate age and weight. The "MethodParameter.java" tab contains a static main method that creates an instance of LocalVariable and calls its methods. To the right, a Command Prompt window shows the results of running the Java files, followed by an error message from javac for MethodParameter.java due to a symbol not found.

```

C:\Users\Ray~\Documents\Java\LocalVariable.java - Sublime Text (UNREGISTERED)
File Edit Selection Find View Goto Tools Project Preferences Help
Pegawai.java LocalVariable.java MethodParameter.java

1  public class LocalVariable{
2
3      public void hitungUsia() {
4          int tahunSekarang = 2019;
5          int tahunLahir = 2000;
6          int usia = 0;
7
8          usia = tahunSekarang - tahunLahir;
9
10         System.out.println("Usia Saya : " + usia );
11     }
12     public void beratBadan(){
13         int beratLahir = 4;
14         int berat = 0;
15
16         berat = beratLahir + (usia/2);
17
18         System.out.println("Berat badan saya: " + berat + " Kg");
19     }
20
21     public static void main(String[] args){
22         LocalVariable usia = new LocalVariable();
23         usia.hitungUsia();
24         usia.beratBadan();
25     }
26 }

Command Prompt
C:\Users\Ray~\Documents\Java>javac LocalVariable.java
C:\Users\Ray~\Documents\Java>java LocalVariable
Usia Saya :19
Berat badan saya: 13 Kg
C:\Users\Ray~\Documents\Java>javac MethodParameter.java
C:\Users\Ray~\Documents\Java>java MethodParameter
Taufiq
C:\Users\Ray~\Documents\Java>javac LocalVariable.java
LocalVariable.java:16: error: cannot find symbol
          berat = beratLahir + (usia/2);
                     ^
symbol:   variable usia
location: class LocalVariable
1 error

C:\Users\Ray~\Documents\Java>

```

Tidak bisa berjalan karena local variable hanya dapat digunakan pada method tersebut saja.

Latihan 2.

The screenshot shows a Sublime Text interface with two tabs: 'PegawaiJava' and 'LocalVariable.java'. The 'LocalVariable.java' tab contains the following Java code:

```

1 public class LocalVariable{
2     int usia = 0;
3     public void hitungUsia() {
4         int tahunSekarang = 2019;
5         int tahunLahir = 2000;
6
7         usia = tahunSekarang - tahunLahir;
8
9         System.out.println("Usia Saya :" + usia );
10    }
11    public void beratBadan(){
12        int beratLahir = 4;
13        int berat = 0;
14
15        berat = beratLahir + (usia/2);
16
17        System.out.println("Berat badan saya: " + berat + " Kg");
18    }
19
20    public static void main(String[] args){
21        LocalVariable usia = new LocalVariable();
22        usia.hitungUsia();
23        usia.beratBadan();
24    }
25 }

```

To the right, a Command Prompt window shows the output of running the code:

```

C:\Users\Ray~\Documents\Java>javac LocalVariable.java
C:\Users\Ray~\Documents\Java>java LocalVariable
Usia Saya :19
Berat badan saya: 13 Kg
C:\Users\Ray~\Documents\Java>

```

Latihan 3

The screenshot shows a Sublime Text interface with two tabs: 'PegawaiJava' and 'Pegawai.java'. The 'Pegawai.java' tab contains the following Java code:

```

1 public class Pegawai{
2     String nama;
3     int nip;
4     double gaji;
5     public String setNama (String nama){
6         return this.nama = nama;
7     }
8     public int setNip (int nip){
9         return this.nip = nip;
10    }
11    public double setGaji (double gaji){
12        return this.gaji = gaji;
13    }
14    public static void main (String[] args){
15        Pegawai hiya1 = new Pegawai();
16        Pegawai hiya2 = new Pegawai();
17        Pegawai hiya3 = new Pegawai();
18        Pegawai hiya4 = new Pegawai();
19        Pegawai hiya5 = new Pegawai();
20
21        hiya1.setNama("Dia");
22        hiya1.setNip(112233);
23        hiya1.setGaji(1100000.0);
24
25        hiya2.setNama("Aku");
26        hiya2.setNip(112234);
27        hiya2.setGaji(1200000.0);
28
29        hiya3.setNama("Kamu");
30        hiya3.setNip(112235);
31        hiya3.setGaji(1300000.0);
32
33        hiya4.setNama("Koe");
34        hiya4.setNip(112236);
35        hiya4.setGaji(1400000.0);
36
37        hiya5.setNama("Cieee");
38

```

To the right, a Command Prompt window shows the output of running the code:

```

Usage: javac <options> <source files>
use -help for a list of possible options
C:\Users\Ray~>cd C:\Users\Ray~\Documents\Java
C:\Users\Ray~\Documents\Java>javac Pegawai.java
C:\Users\Ray~\Documents\Java>java Pegawai
Nama : Dia
NIP : 112233
Gaji : 1100000.0
Nama: Aku
NIP : 112234
Gaji : 1200000.0
Nama: Kamu
NIP : 112235
Gaji : 1300000.0
Nama : Koe
NIP : 112236
Gaji : 1400000.0
Nama : Cieee
NIP : 112237
Gaji : 1500000.0
C:\Users\Ray~\Documents\Java>

```

Pekerjaan Rumah 1

The screenshot shows a Sublime Text interface with two tabs open: 'Pegawai.java' and 'Nilai.java'. The 'Nilai.java' tab contains the following Java code:

```
1 public class Nilai{
2     int nilaiUTS;
3     int nilaiUAS;
4     int nilaiTugas;
5
6     public int setUTS (int nilaiUTS){
7         return this.nilaiUTS = nilaiUTS;
8     }
9     public int setUAS (int nilaiUAS){
10        return this.nilaiUAS = nilaiUAS;
11    }
12    public int setTugas (int nilaiTugas){
13        return this.nilaiTugas = nilaiTugas;
14    }
15    public void info(){
16        System.out.println("nilai UTS : " + this.setUTS(70));
17        System.out.println("nilai UAS : " + this.setUAS(75));
18        System.out.println("nilai Tugas : " + this.setTugas(80));
19    }
20    public static void main(String[] args) {
21        Nilai hs = new Nilai();
22
23        hs.info();
24    }
25 }
```

To the right of the editor is a Command Prompt window showing the output of running the Java code. The command 'javac Nilai.java' was run, followed by 'java Nilai'. The output shows the values assigned to the variables: nilai UTS : 70, nilai UAS : 75, and nilai Tugas : 80.

Pekerjaan Rumah 2

The screenshot shows a Sublime Text window with two tabs: 'Nilai.java' and 'LocalVariable.java'. The 'Nilai.java' tab contains the following Java code:

```

1 public class Nilai{
2     double nilaiUTS;
3     double nilaiUAS;
4     double nilaiTugas;
5
6     public double setUTS (double nilaiUTS){
7         return this.nilaiUTS = nilaiUTS;
8     }
9     public double setUAS (double nilaiUAS){
10        return this.nilaiUAS = nilaiUAS;
11    }
12    public double setTugas (double nilaiTugas){
13        return this.nilaiTugas = nilaiTugas;
14    }
15    public void info(){
16        System.out.println("nilai UTS : " + this.setUTS(70));
17        System.out.println("nilai UAS : " + this.setUAS(75));
18        System.out.println("nilai Tugas : " + this.setTugas(80));
19    }
20    public void hitung(){
21        double nilaiTotal;
22
23        nilaiTotal = (nilaiUTS + nilaiUAS + nilaiTugas) / 3;
24
25        System.out.println("Nilai Total : " + nilaiTotal);
26    }
27    public static void main(String[] args) {
28        Nilai hs = new Nilai();
29
30        hs.info();
31        hs.hitung();
32    }
33 }

```

To the right, a Command Prompt window shows the execution of the Java program:

```

Microsoft Windows [Version 10.0.17134.590]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\Ray~\Documents\Java>cd C:\Users\Ray~\Documents\Java
C:\Users\Ray~\Documents\Java>javac Nilai.java
C:\Users\Ray~\Documents\Java>java Nilai
nilai UTS : 70
nilai UAS : 75
nilai Tugas : 80
C:\Users\Ray~\Documents\Java>javac Nilai.java
C:\Users\Ray~\Documents\Java>java Nilai
nilai UTS : 70.0
nilai UAS : 75.0
nilai Tugas : 80.0
Nilai Total : 75.0

```

MODUL 4

The screenshot shows the NetBeans IDE interface with the title 'Modul4 - NetBeans IDE 8.2'. The left sidebar shows the 'Projects' tree with a 'Modul4' project containing packages like 'Source Packages' and 'Test Packages'. The 'Navigator' panel shows icons for files and libraries.

The main editor area displays the 'PrivateModifier.java' file:

```

1 /**
2  * To change this license header, choose License Headers in Project Properties.
3  * To change this template file, choose Tools | Templates
4  * and open the template in the editor.
5 */
6 package modul4;
7
8 /**
9 *
10 * @author LABRPL-10
11 */
12 public class PrivateModifier {
13     private String name;
14     private int umur;
15
16     public void printInfo(){
17         System.out.println("Private modifier");
18     }
19 }

```

The status bar at the bottom indicates the time as 3:05 PM and the date as 10/4/2019.

Private modifier tidak dapat mengakses class dari java yang lain

Modul4 - NetBeans IDE 8.2

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

Projects Modul4 Source Packages TestModule modul4 Default.java DefaultModifier.java Private.java PrivateModifier.java Test Packages Libraries Test Libraries Robby

Source History

```

1 /*
2  * To change this license header, choose License Headers in Project Properties.
3  * To change this template file, choose Tools | Templates
4  * and open the template in the editor.
5 */
6 package modul4;
7
8 /**
9 *
10 * @author LABRPL-10
11 */
12 nama has private access in PrivateModifier
13 ----- Var = new PrivateModifier();
14     System.out.println(aksesVar.nama);
15     System.out.println(aksesVar.umur);
16 }
17
18 }
19

```

16:9 INS

Modul4 - NetBeans IDE 8.2

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

Projects Modul4 Source Packages TestModule modul4 Default.java DefaultModifier.java Private.java PrivateModifier.java Protected.java ProtectedModifier.java Public.java PublicModifier.java Test Packages Libraries Test Libraries Robby

Source History

```

1 /*
2  * To change this license header, choose License Headers in Project Properties.
3  * To change this template file, choose Tools | Templates
4  * and open the template in the editor.
5 */
6 package modul4;
7
8 /**
9 *
10 * @author LABRPL-10
11 */
12 public class Private {
13     public static void main(String[] args) {
14         PrivateModifier aksesVar = new PrivateModifier();
15         //System.out.println(aksesVar.nama);
16         //System.out.println(aksesVar.umur);
17         aksesVar.printInfo();
18     }
19
20 }

```

3:06 PM 10/4/2019 INS

Output - Modul4 (run)

```

run:
Private modifier
BUILD SUCCESSFUL (total time: 1 second)

```

15:11 INS

Default Modifier

Default Modifier dapat mengakses class lain dari java yang berbeda. Tetapi tidak dapat diakses melalui package lain

Modul4 - NetBeans IDE 8.2

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

Search (Ctrl+F)

Projects Modul4

Source Packages TestModule modul4 Default.java DefaultModifier.java Private.java PrivateModifier.java

Test Packages Libraries Test Libraries Robby

Source

```
1 /* To change this license header, choose License Headers in Project Properties.
2 * To change this template file, choose Tools | Templates
3 * and open the template in the editor.
4 */
5 package modul4;
6
7 /**
8 * @author LABRPL-10
9 */
10 public class DefaultModifier {
11     int a = 1;
12     int b = 2;
13     int c;
14     void jumlah () {
15         c = a + b;
16         System.out.println(c);
17     }
18 }
19
20 }
```

Modul4 - NetBeans IDE 8.2

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

Search (Ctrl+F)

Projects Modul4

Source Packages TestModule modul4 Default.java DefaultModifier.java Private.java PrivateModifier.java Protected.java ProtectedModifier.java Public.java PublicModifier.java

Test Packages Libraries Test Libraries Robby

Source

```
1 /* To change this license header, choose License Headers in Project Properties.
2 * To change this template file, choose Tools | Templates
3 * and open the template in the editor.
4 */
5 package modul4;
6
7 /**
8 * @author LABRPL-10
9 */
10 public class Default {
11     public static void main(String[] args) {
12         DefaultModifier defaultVar = new DefaultModifier();
13         System.out.println(defaultVar.a);
14         System.out.println(defaultVar.b);
15         defaultVar.jumlah();
16     }
17 }
18
19
20 }
```

Output - Modul4 (run)

```
run:
1
2
3
BUILD SUCCESSFUL (total time: 0 seconds)
```

Modul4 - NetBeans IDE 8.2

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

Search (Ctrl+F)

Projects Modul4

Source Packages TestModule modul4 Default1.java DefaultModifier.java Default.java Private.java PrivateModifier.java

Test Packages Libraries Test Libraries Robby

Source History

1 /*
2 * To change this license header, choose License Headers in Project Properties.
3 * To change this template file, choose Tools | Templates
4 * and open the template in the editor.
5 */
6 package TestModule;
7
8 import modul4.DefaultModifier;
9
10 /**
11 *
12 * @author LABRPL-10
13 */
14
15 // a is not public in DefaultModifier; cannot be accessed from outside package
16 // (...)
17 // (Alt-Enter shows hints)
18 System.out.println(defaultVar.a);
19 System.out.println(defaultVar.b);
20 }

Output

9:1 3:06 PM 10/4/2019

```
/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
package TestModule;

import modul4.DefaultModifier;

/**
 *
 * @author LABRPL-10
 */

// a is not public in DefaultModifier; cannot be accessed from outside package
// (...)

System.out.println(defaultVar.a);
System.out.println(defaultVar.b);

}
```

Protected Modifier

Modul4 - NetBeans IDE 8.2

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

Projects Modul4

Source Packages TestModule modul4 Default.java DefaultModifier.java Private.java PrivateModifier.java Protected.java ProtectedModifier.java

Source History

```
1  /*
2   * To change this license header, choose License Headers in Project Properties.
3   * To change this template file, choose Tools | Templates
4   * and open the template in the editor.
5   */
6 package modul4;
7
8 /**
9 *
10 * @author LABRPL-10
11 */
12 public class ProtectedModifier {
13     protected void printInfo() {
14         System.out.println("Protected Modifier");
15     }
16     protected void sendMessage() {
17         System.out.println("this is a message");
18     }
19 }
```

Output

3:34 PM 10/4/2019

Modul4 - NetBeans IDE 8.2

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

Projects Modul4

Source Packages TestModule modul4 Default.java DefaultModifier.java Private.java PrivateModifier.java Protected.java ProtectedModifier.java

Source History

```
1  /*
2   * To change this license header, choose License Headers in Project Properties.
3   * To change this template file, choose Tools | Templates
4   * and open the template in the editor.
5   */
6 package modul4;
7
8 /**
9 *
10 * @author LABRPL-10
11 */
12 public class Protected {
13     public static void main(String[] args) {
14         ProtectedModifier p = new ProtectedModifier();
15         p.printInfo();
16         p.sendMessage();
17     }
18 }
```

Output - Modul4 (run)

run:
Protected Modifier
this is a message
BUILD SUCCESSFUL (total time: 0 seconds)

Output Finished building Modul4 (run).

3:34 PM 10/4/2019

Public

Public dapat diakses di java mana saja dalam package yang sama dan package yang berbeda

The screenshot shows the NetBeans IDE interface with the title "Modul4 - NetBeans IDE 8.2". The left sidebar displays the project structure under "Modul4" with packages "Source Packages" and "modul4" containing various Java files like Default.java, DefaultModifier.java, Private.java, etc. The main editor window shows the "PublicModifier.java" file with the following code:

```
7  /*
8  *
9  * @author LABRPL-10
10 */
11 public class PublicModifier {
12     public int a = 2;
13     public int b = 5;
14     public int c = 9;
15     public void kali(){
16         int d = a*b*c;
17         System.out.println("Hasil kali = " + d);
18     }
19     public void tambah(){
20         int e = a+b+c;
21         System.out.println("Hasil tambah = " + e);
22     }
23     public void kurang(){
24         int f = a-b-c;
25         System.out.println("Hasil kurang = " + f);
26     }
27     public void bagi(){
28         int g = a/b/c;
29         System.out.println("Hasil bagi = " + g);
30     }
31     public void rata_rata(){
32         int h = (a+b+c)/3;
33         System.out.println("Hasil rata - rata = " + h);
34     }
35 }
36 }
37 }
```

The status bar at the bottom right shows the time as 3:44 PM and date as 10/4/2019.

The screenshot shows the NetBeans IDE interface with the title "Modul4 - NetBeans IDE 8.2". The left sidebar displays the project structure under "Modul4" with packages "Source Packages" and "modul4" containing various Java files like Default.java, DefaultModifier.java, Private.java, etc. The main editor window shows the "Public.java" file with the following code:

```
1 /*
2 * To change this license header, choose License Headers in Project Properties.
3 * To change this template file, choose Tools | Templates
4 * and open the template in the editor.
5 */
6 package modul4;
7
8 /**
9 * @author LABRPL-10
10 */
11 public class Public {
12     public static void main(String[] args){
13         PublicModifier pub = new PublicModifier();
14         System.out.println(pub.a);
15         System.out.println(pub.b);
16         System.out.println(pub.c);
17         pub.kali();
18         pub.tambah();
19         pub.kurang();
20         pub.bagi();
21     }
22 }
```

The "Output" panel at the bottom shows the execution results:

```
: Output - Modul4 (run)
run:
2
5
9
Hasil kali = 90
Hasil tambah = 16
Hasil kurang = -12
Hasil bagi = 0
Hasil rata - rata = 5
BUILD SUCCESSFUL (total time: 1 second)
```

The status bar at the bottom right shows the time as 22:25 and date as 10/4/2019.

Modul4 - NetBeans IDE 8.2

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

Search (Ctrl+F)

Projects Modul4 Source Packages TestModule Default1.java Public1.java mod44 Default.java DefaultModifier.java Private.java PrivateModifier.java Protected.java ProtectedModifier.java Public.java PublicModifier.java Test Packages Libraries Test Libraries Robby

Source History

```
6 package TestModule;
7
8 import modul4.PublicModifier;
9
10 /**
11  * 
12  * @author LABRPL-10
13  */
14 public class Public1 {
15     /**
16      * 
17      * @param args
18      */
19     public static void main(String[] args) {
20         PublicModifier pub = new PublicModifier();
21         System.out.println(pub.a);
22         System.out.println(pub.b);
23         System.out.println(pub.c);
24         pub.kali();
25         pub.tambah();
26         pub.kurang();
27         pub.bagi();
28         pub.rata_rata();
29     }
30 }
```

Output - Modul4 (run)

```
1.0...
2
5
9
Hasil Kali = 90
Hasil tambah = 16
Hasil kurang = -12
Hasil bagi = 0
Hasil rata - rata = 5
BUILD SUCCESSFUL (total time: 1 second)
```

Output Finished building Modul4 (run). 24:25 3:53 PM 10/4/2019

MODUL 5

TUGAS - NetBeans IDE 8.0.2

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

Projects Services

JavaApplication1

Modul4

Project PBO

TUGAS

Source Packages

tugas

Constructor.java

DemoConstructor.java

Libraries

Source History

Constructor.java x DemoConstructor.java

```
1 // To change this license header, choose License Headers in Project Properties.
2 // To change this template file, choose Tools | Templates
3 // and open the template in the editor.
4 
5 package tugas;
6 
7 /**
8 * 
9 * @author Robby-PC
10 */
11 
12 public class DemoConstructor {
13     public static void main(String[]args){
14         Constructor cons = new Constructor();
15     }
16 }
17
```

Output - TUGAS (run)

```
run:
Name : Robby Novianto
NIM : L200180050
Alamat : Da Ledok Demaan RT3/E no 888
BUILD SUCCESSFUL (total time: 0 seconds)
```

Output

Windows Taskbar

NetBeans IDE 8.0.2

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

Projects Services

JavaApplication1

Modul4

Project PBO

TUGAS

Source Packages

tugas

Constructor.java

DemoConstructor.java

Libraries

Source History

Constructor.java x DemoConstructor.java

```
1 // To change this license header, choose License Headers in Project Properties.
2 // To change this template file, choose Tools | Templates
3 // and open the template in the editor.
4 
5 package tugas;
6 
7 /**
8 * 
9 * @author Robby-PC
10 */
11 
12 public class Constructor {
13     String nama = "Robby Novianto";
14     String nim = "L200180050";
15     String alamat = "Da Ledok Demaan RT3/E no 888";
16 
17     public Constructor(){
18         System.out.println(
19             "Nama : " + nama + "\n" +
20             "NIM : " + nim + "\n" +
21             "Alamat : " + alamat + "\n");
22     }
23 }
24
```

Output - TUGAS (run)

```
run:
Name : Robby Novianto
NIM : L200180050
Alamat : Da Ledok Demaan RT3/E no 888
BUILD SUCCESSFUL (total time: 0 seconds)
```

Output

Windows Taskbar

Latihan 2

TUGAS - NetBeans IDE 8.0.2

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

<default config>

Projects Services

JavaApplication1 Modul4 Project PBO TUGAS

Source Packages tugas

Constructor.java DemoConstructor.java Tugas3.java DemoTugas3.java

Source History Diff

package tugas;

/*
 *
 * @author Hobby-PC
 */

public class Tugas3 {

String namaPengarang, judulBuku;
 int tahunTerbit, cetakanKe;
 double hargaJual;

public Tugas3(String judulBuku, String namaPengarang){
 this.judulBuku = judulBuku;
 this.namaPengarang = namaPengarang;
 }

 public Tugas3(int tahunTerbit, int cetakanKe){
 this.tahunTerbit = tahunTerbit;
 this.cetakanKe = cetakanKe;
 }

 public Tugas3(double hargaJual){
 this.hargaJual = hargaJual;
 }

 public void infoBuku(){
 System.out.println(
 "Judul Buku : " + judulBuku +"\n"+
 "Nama Pengarang : " + namaPengarang
);
 }

 public void infoBukul1(){
 System.out.println(
 "Tahun Terbit : " + tahunTerbit + "\n" +
 "cetakan ke : " + cetakanKe
);
 }

 public void infoBukul2(){
 System.out.println(
 "Harga : " + hargaJual
);
 }
}

10:20 17/10/2019

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

- Title Bar:** TUGAS - NetBeans IDE 8.0.2, 17/10/2019
- Menu Bar:** File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
- Toolbar:** Standard NetBeans toolbar with icons for file operations.
- Projects & Services:** Shows a Java application named "TUGAS" containing a "Source Packages" folder with classes: Constructor.java, DemoConstructor.java, Tugas3.java, and DemoTugas3.java.
- Code Editor:** The "DemoTugas3.java" file is open, displaying the following Java code:

```
1  /*
2   * To change this license header, choose License Headers in Project Properties.
3   * To change this template file, choose Tools | Templates
4   * and open the template in the editor.
5   */
6
7  package tugas;
8
9  /**
10  *
11  * @author DJHM-PC
12  */
13 public class DemoTugas3 {
14     public static void main(String[] args) {
15         Tugas3 p = new Tugas3("Pemrograman Berorientasi Objek", "Dimas Aryo Anggoro");
16         Tugas3 p1 = new Tugas3(2019, 1);
17         Tugas3 p2 = new Tugas3(40000);
18         p.infoBuku();
19         p1.infoBuku();
20         p2.infoBuku();
21     }
22 }
```

- Output - TUGAS (run):** Displays the results of the program execution:

```
Buat Buku : Pemrograman Berorientasi Objek
Nama Penulis : Dimas Aryo Anggoro
Tahun Terbit : 2019
Cetakan ke : 1
Harga : 40000.0
BUILD SUCCESSFUL (total time: 0 seconds)
```
- System Tray:** Shows standard Windows system tray icons.
- Bottom Bar:** Shows the date (17/10/2019), time (20:18), and a search bar.

```
1  /*
2  * To change this license header, choose License Headers in Project Properties.
3  * To change this template file, choose Tools | Templates
4  * and open the template in the editor.
5  */
6 package tugas;
7
8 /**
9 * @author DIAJAH-PC
10 */
11
12 public class DemoTugas3 {
13     public static void main(String[] args){
14         Tugas3 p = new Tugas3("Pemrograman Berorientasi Objek", "Dimas Aryo Anggoro");
15         Tugas3 p1 = new Tugas3(2019, 1);
16         Tugas3 p2 = new Tugas3(40000.0);
17         p.infoBuku();
18         p1.infoBuku();
19         p2.infoBuku();
20
21         Tugas3 p3 = new Tugas3("Harry Potter", "Vee2");
22         Tugas3 p4 = new Tugas3(2000, 4);
23         Tugas3 p5 = new Tugas3(10000.0);
24         p3.infoBuku();
25         p4.infoBuku();
26         p5.infoBuku();
27
28         Tugas3 p6 = new Tugas3("Tarantula", "Bob Marley");
29         Tugas3 p7 = new Tugas3(10005, 3);
30         Tugas3 p8 = new Tugas3(75000.0);
31         p6.infoBuku();
32         p7.infoBuku();
33         p8.infoBuku();
34     }
35 }
36
```

```
Judul Buku : Pemrograman Berorientasi Objek
Nama Pengarang : Dimas Aryo Anggoro
Tahun Terbit : 2019
Cetakan ke : 4
Harga : 40000.0

Judul Buku : Harry Potter
Nama Pengarang : Vee2
Tahun Terbit : 2000
Cetakan ke : 4
Harga : 60000.0

Judul Buku : Tarantula
Nama Pengarang : Bob Marley
Tahun Terbit : 2015
Cetakan ke : 3
Harga : 75000.0
```

BUILD SUCCESSFUL (total time: 0 seconds)

Latihan 3

TUGAS - NetBeans IDE 8.0.2

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

Projects Services

JavaApplication1

Modul4

Project PBO

TUGAS

Source Packages

tugas

Constructor.java

DemoConstructor.java

Tugas3.java

DemoTugas3.java

End.java

Finish.java

Tugas3.java

Libraries

Output

Search (Ctrl+F)

Source History

Constructor.java

```

1  /*
2  * To change this license header, choose License Headers in Project Properties.
3  * To change this template file, choose Tools | Templates
4  * and open the template in the editor.
5  */
6 package tugas;
7
8 /**
9 * 
10 * @author Robby-PC
11 */
12
13 public class End {
14     String nama, nim;
15     int Semester, angkatan;
16
17     public End(){
18         System.out.println("Selamat datang Mahasiswa UMSI");
19     }
20     public End(String nama, String nim, int Semester, int angkatan){
21         this.nama = nama;
22         this.nim = nim;
23         this.Semester = Semester;
24         this.angkatan = angkatan;
25     }
26
27     public void infoMs(){
28         System.out.println(
29             "Nama : " + nama + "\n"
30             "NIM : " + nim + "\n"
31             "Semester : " + Semester + "\n"
32             "Angkatan : " + angkatan
33         );
34     }
35 }
```

31:35 2029 17/10/2019 INS

Output

Search (Ctrl+F)

Source History

Constructor.java

DemoConstructor.java

Tugas3.java

DemoTugas3.java

End.java

Finish.java

Tugas3.java

Libraries

Output - TUGAS (run)

```

run
Selamat datang Mahasiswa UMSI
Name : Robby Novianto
NIM : 1200180080
Semester : 3
Angkatan : 2018
BUILD SUCCESSFUL (total time: 0 seconds)
|
```

17:6 2029 17/10/2019 INS

MODUL 6

Belajar - NetBeans IDE 8.0.2

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

Projects x Files Services Start Page x Pegawai.java x DemoPegawai.java x String.java x A.java x Mobil.java x Kendaraan.java x Pesawat.java x Teknisi.java x <default config> Search (Ctrl+F)

Source History Navigator x Members <empty>

```
1 /*
2  * To change this license header, choose License Headers in Project Properties.
3  * To change this template file, choose Tools | Templates
4  * and open the template in the editor.
5  */
6 package belajar;
7
8 /**
9  *
10  * @author Robby
11  */
12 public class Kendaraan {
13     String jumlahRoda = "Banyak";
14     String jenis = "Darat dan Udara";
15     String gol = "Menengah";
16 }
17
18 }
```

Output x

1:1 13:44 14/11/2019

Belajar - NetBeans IDE 8.0.2

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

Projects x Files Services Start Page x Pegawai.java x DemoPegawai.java x String.java x A.java x Mobil.java x Kendaraan.java x Pesawat.java x Teknisi.java x <default config> Search (Ctrl+F)

Source History Navigator x Members <empty>

```
1 /*
2  * To change this license header, choose License Headers in Project Properties.
3  * To change this template file, choose Tools | Templates
4  * and open the template in the editor.
5  */
6 package belajar;
7
8 /**
9  *
10  * @author Robby
11  */
12 public class Mobil {
13     int jumlahKursi = 6;
14     Kendaraan m = new Kendaraan();
15     String info;
16     void info(){
17         info = "Mobil memiliki Kursi " + jumlahKursi + " dan roda " + m.jumlahRoda;
18         System.out.println(info);
19     }
20 }
21
22 }
```

Output x

1:1 13:44 14/11/2019

BelaJar - NetBeans IDE 8.0.2

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

Search (Ctrl+I)

Projects x Files Services <default config>

Start Page x Pegawai.java x DemoPegawai.java x String.java x A.java x Mobil.java x Kendaraan.java x Pesawat.java x Teknisi.java x

Source History

Source Packages belajar

- A.java
- B.java
- C.java
- DemoPegawai.java
- InheritanceLatihan.java
- InheritanceTest.java
- Kendaraan.java
- Mobil.java
- Pegawai.java
- Pesawat.java
- Teknisi.java

Libraries

Tugas Akhir

Navigator x

Members <empty>

Pesawat :: Kendaraan

- bahanBakar : String
- info : String
- p : Kendaraan

Output x

```
/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */
package belajar;

/**
 *
 * @author Robby
 */
public class Pesawat extends Kendaraan {
    String bahanBakar = "Avtur";
    Kendaraan p = new Kendaraan();
    String info;
    void info(){
        info = "Pesawat memiliki roda " + p.jumlahRoda + " dan bahan bakar " + bahanBakar;
        System.out.println(info);
    }
}
```

1:1 13:44 14/11/2019

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

- Title Bar:** Belajar - NetBeans IDE 8.0.2
- Menu Bar:** File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
- Toolbar:** Includes icons for file operations like New, Open, Save, Cut, Copy, Paste, Find, and others.
- Project Explorer (Projects tab):** Shows the project "Belajar" with packages "belajar" containing files A.java, B.java, C.java, DemoPegawai.java, InheritanceLatihan.java, InheritanceTest.java, Kendaraan.java, Mobil.java, Pegawai.java, Pesawat.java, Teknisi.java, and YYYY.java.
- Code Editor:** Displays Java code for the "InheritanceLatihan" class. The code creates instances of Pesawat, Mobil, and Kendaraan classes and prints their details.

```
1  /*
2   * To change this license header, choose License Headers in Project Properties.
3   * To change this template file, choose Tools | Templates
4   * and open the template in the editor.
5   */
6 package belajar;
7
8 /**
9 *
10 * @author Robby
11 */
12 public class InheritanceLatihan extends Kendaraan {
13     public static void main(String[] args) {
14         String info;
15         Pesawat p = new Pesawat();
16         Mobil m = new Mobil();
17         Kendaraan ken = new Kendaraan();
18         info = "Ini adalah kendaraan " + ken.jenis + " dan merupakan golongan " + ken.gol;
19         System.out.println(p.bahanBakar);
20         System.out.println(m.jumlahKursi);
21         m.info();
22         p.info();
23     }
24 }
25 }
```

- Output Window:** Shows the run output for the "InheritanceLatihan" class.

```
Avtur
6
Pesawat memiliki Kursi 6 dan roda Banyak
Pesawat memiliki roda Banyak dan bahan bakar Avtur
BUILD SUCCESSFUL (total time: 10 seconds)
```

- Bottom Status Bar:** Shows battery level (100%), signal strength, volume, and date/time (14/11/2019 13:50).

DefaultModifier - NetBeans IDE 8.0.2

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

default.config BangunDatar.java Persegi.java Persegipanjang.java Segitiga.java Segitigasamakaki.java Segitigasamasisi.java

Projects Files Services

BangunDatar - Navigator Members

```

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 public class BangunDatar {
13     protected double luas;
14     protected double keliling;
15
16     protected void hitungLuas() {
17
18     }
19
20     protected double hitungKeliling(){
21         return keliling;
22     }
23 }
24

```

Output - DefaultModifier (run) x

```

run:
Luas bangun datar persegi : 25.0
Keliling bangun datar persegi10.0
BUILD SUCCESSFUL (total time: 19 seconds)

```

10:17 14/11/2019

DefaultModifier - NetBeans IDE 8.0.2

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

default.config BangunDatar.java Persegi.java Persegipanjang.java Segitiga.java Segitigasamakaki.java Segitigasamasisi.java

Projects Files Services

Persegi - Navigator Members

```

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

```

Output - DefaultModifier (run) x

```

run:
Luas bangun datar persegi : 25.0
Keliling bangun datar persegi10.0
BUILD SUCCESSFUL (total time: 19 seconds)

```

10:17 14/11/2019

DefaultModifier - NetBeans IDE 8.0.2

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

<default config>

Projects x Files Services

Source History

BangunDatar.java x Persegi.java x PersegiPanjang.java x Segitiga.java x SegitigaSamaKaki.java x SegitigaSamaSisi.java x

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
29     public static void main(String[] args) {
30         PersegiPanjang pp = new PersegiPanjang();
31         pp.panjang = 15;
32         pp.lebar = 10;
33         pp.hitungLuas();
34         pp.hitungKeliling();
35     }
36 }
```

PerseriPanjang - Navigator x

Members <empty>

PersegiPanjang :: BangunDatar

- hitungKelling(): double
- hitungLuas(): double
- main(String[] args)
- lebar : double
- panjang : int

Output - DefaultModifier (run) x

```
run:
Luas bangun datar persegi panjang :150.0
Keliling bangun datar persegi panjang :50.0
BUILD SUCCESSFUL (total time: 3 seconds)
```

10:17 14:13 14/11/2019

DefaultModifier - NetBeans IDE 8.0.2

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

<default config>

Projects x Files Services

Source History

BangunDatar.java x Persegi.java x PersegiPanjang.java x Segitiga.java x SegitigaSamaKaki.java x SegitigaSamaSisi.java x

Source

```
10 * @author Robbi
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 datar segitiga :" + 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 }
```

Segitiga - Navigator x

Members <empty>

Segitiga :: BangunDatar

- hitungLuas(): double
- main(String[] args)
- alas : double
- tinggi : int

Output - DefaultModifier (run) x

```
run:
Luas bangun datar segitiga :150.0
BUILD SUCCESSFUL (total time: 1 second)
```

10:17 14:13 14/11/2019

DefaultModifier - NetBeans IDE 8.0.2

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

default config > Search (Ctrl+F)

Projects Files Services

BangunDatar.java Persegi.java Persegipanjang.java Segitiga.java Segitigasamakaki.java Segitigasamasisi.java

Source History

```
9  * @author Robby
10 */
11 public class SegitigaSamaKaki extends Segitiga {
12     protected double sisiMiring;
13     int alas;
14
15     @Override
16     protected double hitungKeliling(){
17         super.keliling = (2*sisiMiring) + alas;
18         System.out.println("keliling bangun datar Segitiga Sama kaki : " + keliling);
19         return keliling;
20     }
21
22     public static void main(String[] args) {
23         SegitigaSamaKaki sgt = new SegitigaSamaKaki();
24         sgt.sisiMiring = 20;
25         sgt.alas = 10;
26         sgt.hitungKeliling();
27     }
28 }
29 }
```

SegitigaSamaKaki - Navigator

Members <empty>

SegitigaSamaKaki :: Segitiga

- hitungKeliling() : double
- main(String[] args)
- alas : int
- sisiMiring : double

Output - DefaultModifier (run)

```
run:
keliling bangun datar Segitiga Sama kaki :50.0
BUILD SUCCESSFUL (total time: 5 seconds)
```

10:17 14/11/2019

DefaultModifier - NetBeans IDE 8.0.2

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

default config > Search (Ctrl+F)

Projects Files Services

BangunDatar.java Persegi.java Persegipanjang.java Segitiga.java Segitigasamakaki.java Segitigasamasisi.java

Source History

```
7 /**
8  *
9  * @author Robby
10 */
11 public class SegitigaSamaSisi extends Segitiga{
12     protected double sisi;
13
14     @Override
15     protected double hitungKeliling(){
16         super.keliling = 3*sisi;
17         System.out.println("keliling bangun datar segitiga sama sisi : " + keliling);
18         return keliling;
19     }
20
21     public static void main(String[] args) {
22         SegitigaSamaSisi sg = new SegitigaSamaSisi();
23         sg.sisi = 2;
24         sg.hitungKeliling();
25     }
26 }
27 }
```

SegitigaSamaSisi - Navigator

Members <empty>

SegitigaSamaSisi :: Segitiga

- hitungKeliling() : double
- main(String[] args)
- sisi : double

Output - DefaultModifier (run)

```
run:
keliling bangun datar segitiga sama sisi : 6.0
BUILD SUCCESSFUL (total time: 0 seconds)
```

10:18 14/11/2019

MODUL 7

bab7 - NetBeans IDE 8.2

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

...ng RevealBorder.java x forminputbarang.java x KaryawanDemo.java x Karyawan.java x Manager.java x Lathan.java x Bab7.java x

Projects x Files Services

Source Packages: bab7 (Bab7.java, Karyawan.java, KaryawanDemo.java, Lathan.java, Manager.java)

Test Packages: Belajar, DefaultModifier, penjualanelektronik (Source Packages: img)

getNama - Navigator x

Members: Karyawan (getGaji(): float, getName(): String, getUsia(): int, setGaji(float gaji), setName(String nama), setUsia(int usia), gaji: float, nama: String, usia: int)

Source

```
10  * @author Robby
11  */
12  public class Karyawan {
13      private String nama;
14      private float gaji;
15      private int usia;
16
17      public String getName() {
18          return nama;
19      }
20
21      public void setName(String nama) {
22          this.nama = nama;
23      }
24
25      public float getGaji() {
26          return gaji;
27      }
28
29      public void setGaji(float gaji) {
30          this.gaji = gaji;
31      }
32
33      public int getUsia() {
```

Output

```
penjualanelektronik (run) x penjualanelektronik (run) #2 x
run:
BUILD SUCCESSFUL (total time: 22 seconds)
```

bab7 - NetBeans IDE 8.0.2

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

...ng RevealBorder.java x forminputbarang.java x KaryawanDemo.java x Karyawan.java x Manager.java x Lathan.java x Bab7.java x

Projects x Files Services

Source Packages: bab7 (Bab7.java, Karyawan.java, KaryawanDemo.java, Lathan.java, Manager.java)

Test Packages: Belajar, DefaultModifier, penjualanelektronik (Source Packages: img)

Navigator x

Members: KaryawanDemo (main(String[] args))

Source

```
1  /*
2   * To change this license header, choose License Headers in Project Properties.
3   * To change this template file, choose Tools | Templates
4   * and open the template in the editor.
5   */
6  package bab7;
7
8  /**
9   * @author Robby
10 */
11
12 public class KaryawanDemo {
13     public static void main(String[] args) {
14         Karyawan kl = new Karyawan();
15         kl.setName("Luffy");
16         kl.setGaji(2500000);
17         kl.setUsia(21);
18
19         System.out.println(kl.getName());
20         System.out.println(kl.getGaji());
21         System.out.println(kl.getUsia());
22     }
23
24 }
```

Output

```
penjualanelektronik (run) x bab7 (run) x
run:
Luffy
2500000.0
21
```

bab7 - NetBeans IDE 8.0.2

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

Projects x Files Services

Source History

```
4  * and open the template in the editor.
5  /*
6   * package bab7;
7
8   /**
9   * @author Robby
10  */
11 public class Manager extends Karyawan {
12     private float jamKerja = 7.5f;
13
14     public void setjamKerja(float jamKerja) {
15         this.jamKerja = jamKerja;
16     }
17
18     public int jamKerja() {
19         return (int) jamKerja;
20     }
21
22     public float getGajiManager() {
23         return getGaji() * 2;
24     }
25
26 }
27
```

Manager - Navigator x

Members <empty>

Manager :: Karyawan

- getGajiManager(): float
- jamKerja(): int
- setjamKerja(float jamKerja)
- jamKerja: float

Output x

penjualanelektronik (run) x bab7 (run) x

run:
Robby
2500000.0
19

penjualanelektronik (run) running... 26:2 21/11/2019

bab7 - NetBeans IDE 8.0.2

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

Projects x Files Services

Source History

```
12 public class Latihan {
13     public static void main(String[] args) {
14         Manager m1 = new Manager();
15         Manager m2 = new Manager();
16         Manager m3 = new Manager();
17         Manager m4 = new Manager();
18         Manager m5 = new Manager();
19
20         m1.setNama("Robby");
21         m1.setGaji(2500000);
22         m1.setUsia(19);
23         m1.setjamKerja(8.5f);
24
25         System.out.println(m1.getNama());
26         System.out.println(m1.getGaji());
27         System.out.println(m1.getUsia());
28         System.out.println(m1.getGajiManager());
29
30         m2.setNama("Anto");
31         m2.setGaji(3500000);
32         m2.setUsia(16);
33         m2.setjamKerja(8.5f);
34
35         System.out.println(m2.getNama());
```

main - Navigator x

Members <empty>

Latihan

- main(String[] args)

Output x

penjualanelektronik (run) x bab7 (run) x

run:
Robby
2500000.0
19
oooooooo o

penjualanelektronik (run) running... 34:9 22:01 21/11/2019

Screenshot 1 (NetBeans IDE 8.0.2):

```

        33     m2.setjamKerja(8.5f);
        34
        35     System.out.println(m2.getNama());
        36     System.out.println(m2.getGaji());
        37     System.out.println(m2.getUsia());
        38     System.out.println(m2.getGajiManager());
        39
        40     m3.setNama("VeeZ");
        41     m3.setGaji(1500000);
        42     m3.setUsia(42);
        43     m3.setjamKerja(8.5f);
        44
        45     System.out.println(m3.getNama());
        46     System.out.println(m3.getGaji());
        47     System.out.println(m3.getUsia());
        48     System.out.println(m3.getGajiManager());
        49
        50     m4.setNama("Novi");
        51     m4.setGaji(1700000);
        52     m4.setUsia(25);
        53     m4.setjamKerja(8.5f);
        54
        55     System.out.println(m4.getNama());
        56     System.out.println(m4.getGaji());
    
```

Screenshot 2 (NetBeans IDE 8.0.2):

```

        48     System.out.println(m3.getGajiManager());
        49
        50     m4.setNama("Novi");
        51     m4.setGaji(1700000);
        52     m4.setUsia(25);
        53     m4.setjamKerja(8.5f);
        54
        55     System.out.println(m4.getNama());
        56     System.out.println(m4.getGaji());
        57     System.out.println(m4.getUsia());
        58     System.out.println(m4.getGajiManager());
        59
        60     m5.setNama("QQ");
        61     m5.setGaji(1400000);
        62     m5.setUsia(23);
        63     m5.setjamKerja(8.5f);
        64
        65     System.out.println(m5.getNama());
        66     System.out.println(m5.getGaji());
        67     System.out.println(m5.getUsia());
        68     System.out.println(m5.getGajiManager());
        69 }
        70 }
        71
    
```

bab7 - NetBeans IDE 8.0.2

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

Search (Ctrl+F)

Projects x Files Services

...ng BevelBorder.java x forminputbarang.java x KaryawanDemo.java x Karyawan.java x Manager.java x Lathan.java x Bab7.java x

Source History

48 System.out.println(m3.getGajiManager());
49
50 m4.setNama("Novi");
51 m4.setGaji(1700000);
52 m4.setUsia(25);
53 m4.setjamKerja(8.5f);
54

Output x

penjualanelektronik (run) x bab7 (run) x

run:
Robby
2500000.0
19
5000000.0
Anto
3500000.0
16
7000000.0
VeeZ
1500000.0
42
3000000.0
Novi
1700000.0
25
3400000.0
QQ
1400000.0
23
2800000.0
BUILD SUCCESSFUL (total time: 2 seconds)

main - Navigator x

Members <empty>

Lathan
main(String[] args)

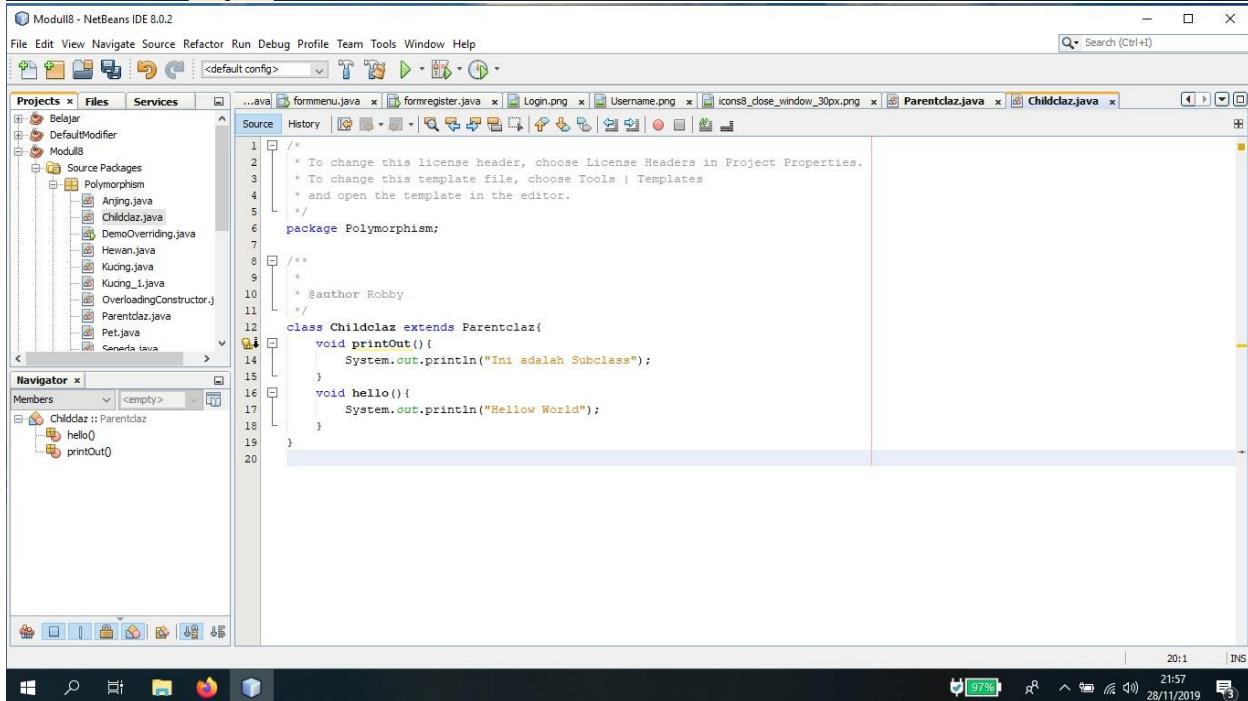
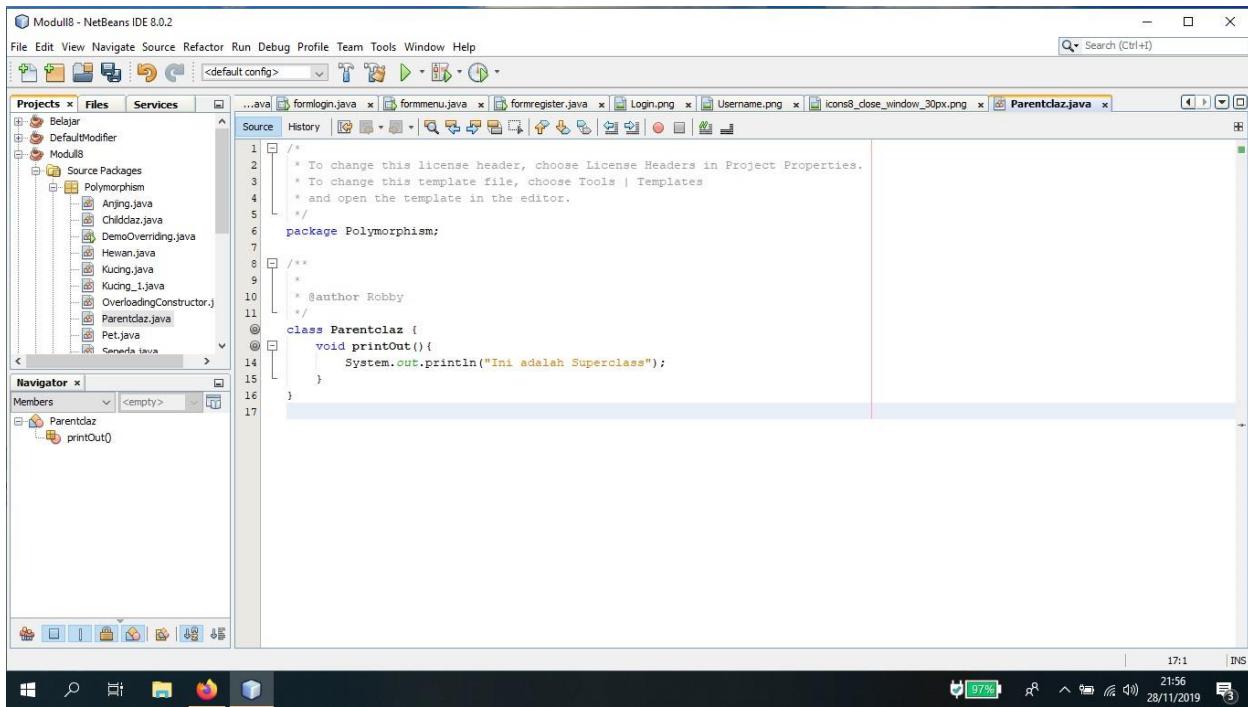
Windows Taskbar:

- Windows Start button
- Search icon
- File icon
- Folder icon
- Firefox icon
- NetBeans icon

System Tray:

- 124 notifications
- Speaker icon
- Network icon
- 22:01
- 21/11/2019
- Battery icon

MODUL 8



Modull8 - NetBeans IDE 8.0.2

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

Projects x Files Services x <default config> T D G H P

Modull8

Belajar DefaultModifier Modull8

Source Packages Polymorphism Anjing.java Childclaz.java DemoOverriding.java Hewan.java Kucing.java Kucing_1.java OverloadingConstructor.j Parentclaz.java Pet.java Generics.java

DemoOverriding - Navigator x Members <empty>

DemoOverriding main(String[] args)

Source History History Search Find Replace Undo Redo Cut Copy Paste Delete Insert Insert Line Separator

```
1 /*  
2 * To change this license header, choose License Headers in Project Properties.  
3 * To change this template file, choose Tools | Templates  
4 * and open the template in the editor.  
5 */  
6 package Polymorphism;  
7  
8 /**  
9 *  
10 * @author Robby  
11 */  
12 class DemoOverriding {  
13     public static void main(String[] args){  
14         Parentclaz pc = new Parentclaz();  
15         Childclaz cc = new Childclaz();  
16         pc.printOut();  
17         cc.printOut();  
18     }  
19 }  
20
```

Output - Modull8 (run) x

run:
Ini adalah Superclass
Ini adalah Subclass
BUILD SUCCESSFUL (total time: 1 second)

10:17 INS

Modull8 - NetBeans IDE 8.0.2

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

Projects x Files Services x <default config> T D G H P

Modull8

Belajar DefaultModifier Modull8

Source Packages Polymorphism Anjing.java Childclaz.java DemoOverriding.java Hewan.java Kucing.java Kucing_1.java OverloadingConstructor.j Parentclaz.java Pet.java Generics.java

Hewan - Navigator x Members <empty>

Hewan jalan()

Source History History Search Find Replace Undo Redo Cut Copy Paste Delete Insert Insert Line Separator

```
1 /*  
2 * To change this license header, choose License Headers in Project Properties.  
3 * To change this template file, choose Tools | Templates  
4 * and open the template in the editor.  
5 */  
6 package Polymorphism;  
7  
8 /**  
9 *  
10 * @author Robby  
11 */  
12 class Hewan {  
13     public void jalan(){  
14         System.out.println("Hewan bisa berjalan");  
15     }  
16 }  
17
```

17:17 INS

Modull8 - NetBeans IDE 8.0.2

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

Projects x Files Services x

...png Username.png x icons8_close_window_30px.png x Parentdaz.java x Chiddaz.java x DemoOverriding.java x Hewan.java x Kucing.java x <default config> T T D G B S

Source History

```
1  /*
2   * To change this license header, choose License Headers in Project Properties.
3   * To change this template file, choose Tools | Templates
4   * and open the template in the editor.
5   */
6 package Polymorphism;
7
8 /**
9  *
10 * @author LABRFL-8
11 */
12 class Kucing extends Hewan{
13     public void jalan(){
14         System.out.println("Kucing bisa berjalan dengan " + "dan berlari");
15     }
16 }
17
```

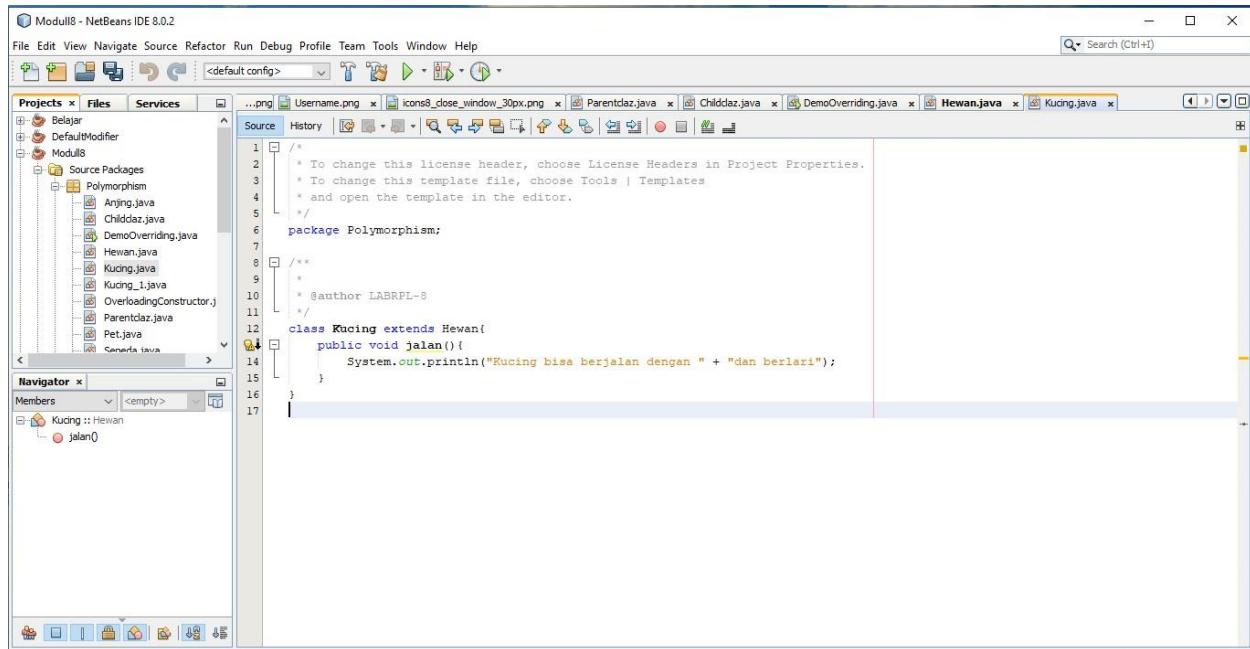
Navigator x

Members <empty>

Kucing :: Hewan

jalan()

17:1 INS



Modull8 - NetBeans IDE 8.0.2

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

Projects x Files Services x

...png icons8_close_window_30px.png x Parentdaz.java x Chiddaz.java x DemoOverriding.java x Hewan.java x Kucing.java x Sepeda.java x <default config> T T D G B S

Source History

```
1  /*
2   * To change this license header, choose License Headers in Project Properties.
3   * To change this template file, choose Tools | Templates
4   * and open the template in the editor.
5   */
6 package Polymorphism;
7
8 /**
9  *
10 * @author Robby
11 */
12 class Sepeda {
13     void run(){
14         System.out.println("Bisa Berjalan");
15     }
16 }
17
```

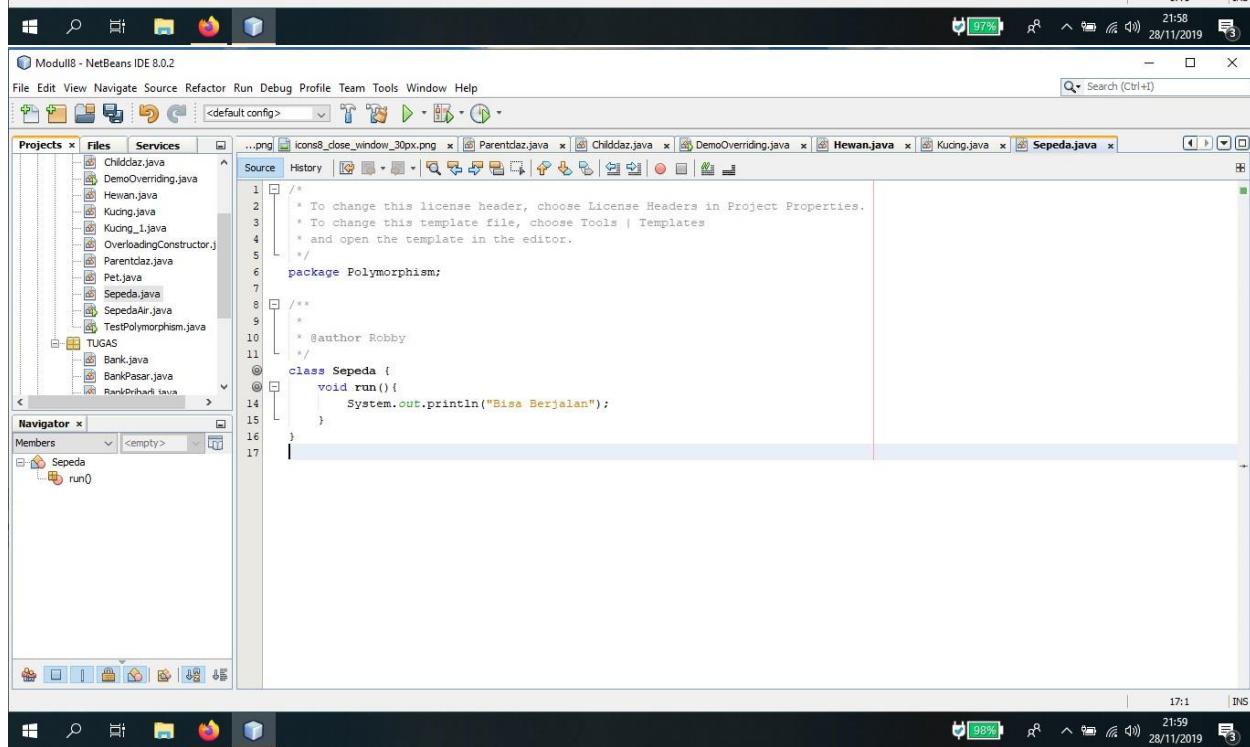
Navigator x

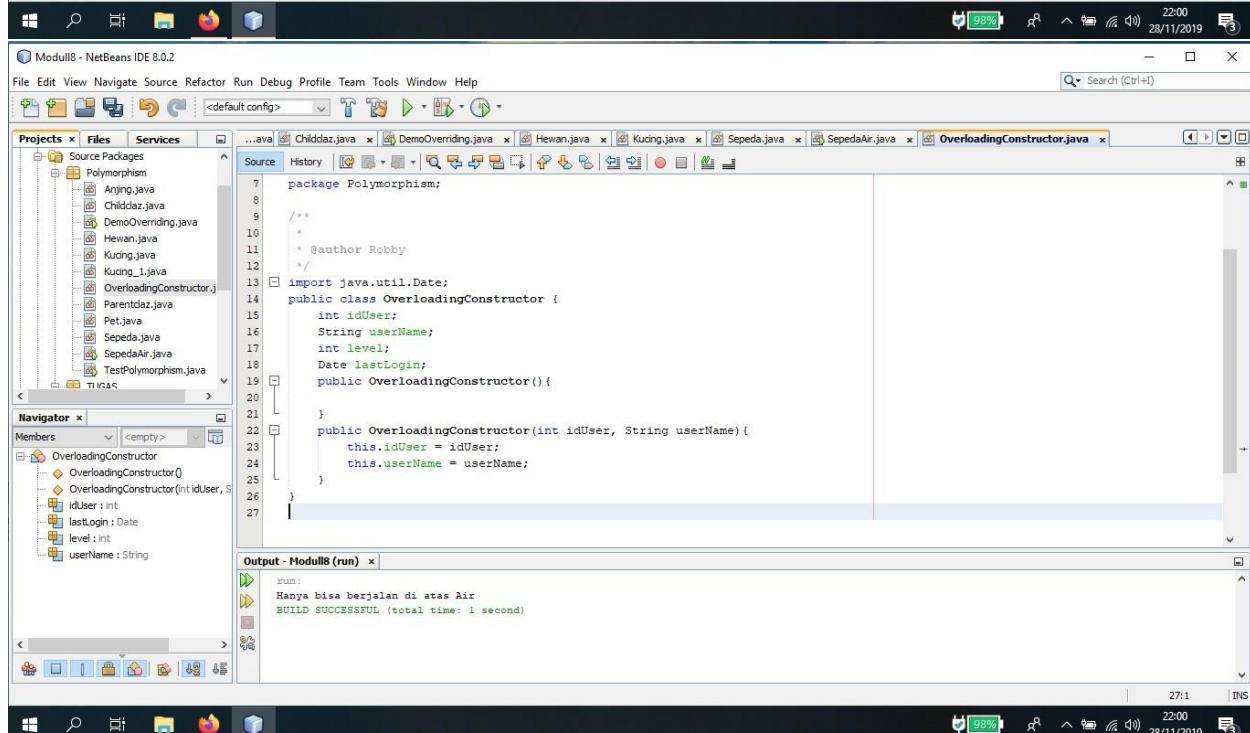
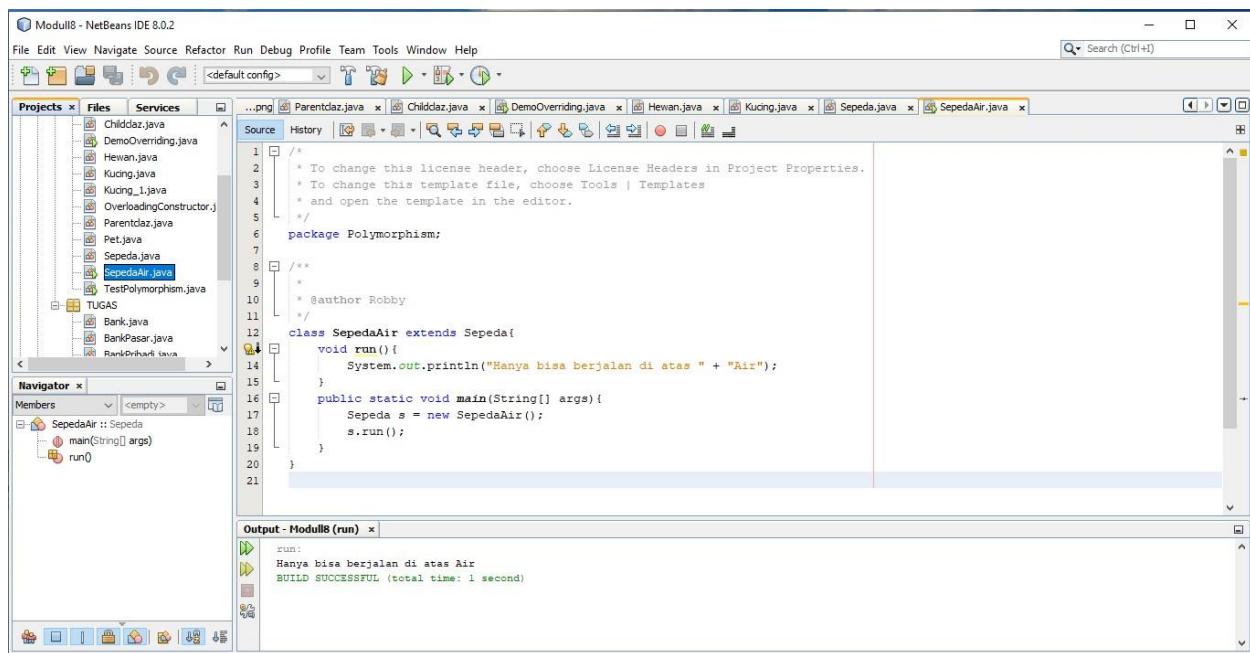
Members <empty>

Sepeda

run()

17:1 INS





The screenshot displays the NetBeans IDE interface with the following details:

- Title Bar:** Modull8 - NetBeans IDE 8.0.2
- Menu Bar:** File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
- Toolbar:** Includes icons for New Project, Open Project, Save, Undo, Redo, Cut, Copy, Paste, Find, Replace, and others.
- Projects Tab:** Shows the project structure with Source Packages expanded, listing files like Anjing.java, Childaz.java, DemoOverriding.java, Hewan.java, Kucing.java, Kucing_1.java, OverloadingConstructor.java, Parentdaz.java, Pet.java, Sepeda.java, SepedaAir.java, and TestPolymorphism.java.
- Code Editor:** The current file is Pet.java, containing the following code:

```
7  /**
8  * 
9  * @author Robby
10 */
11 public class Pet {
12     private String nama;
13 
14     public void beriNama(String beriNama) {
15         this.nama = beriNama;
16     }
17 
18     public String panggilNama() {
19         return this.nama;
20     }
21 
22     public String perilaku() {
23         return "Hanya bisa berjalan di atas Air";
24     }
25 }
26
27 }
```
- Navigator Tab:** Shows the members of the Pet class, including beriNama, panggilNama, perilaku, and nama.
- Output Tab:** Shows the build results:

```
run:
Hanya bisa berjalan di atas Air
BUILD SUCCESSFUL (total time: 1 second)
```
- Bottom Toolbar:** Includes icons for Run, Stop, Build, Clean, and others.

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

- Title Bar:** Modull8 - NetBeans IDE 8.0.2
- Toolbar:** Standard Windows-style icons for file operations.
- Status Bar:** Top right shows battery at 98%, signal strength, and date/time (22:00, 28/11/2019). Bottom right shows 20:1 and INS.
- Menu Bar:** File, Edit, View, Navigate, Source, Refactor, Run, Debug, Profile, Team, Tools, Window, Help.
- Search Bar:** Search (Ctrl+F).
- Projects Tab:** Shows Source Packages containing files like Anjing.java, ChildCat.java, DemoOverriding.java, Hewan.java, Kucing.java, Kucing_1.java, OverloadingConstructor.java, Pet.java, Sepeda.java, SepedaAir.java, TestPolymorphism.java.
- Files Tab:** Currently viewing Kucing_1.java.
- Code Editor:** Displays the following Java code:

```
1  /*
2   * To change this license header, choose License Headers in Project Properties.
3   * To change this template file, choose Tools | Templates.
4   * and open the template in the editor.
5   */
6 package Polymorphism;
7
8 /**
9  *
10 * @author Robby
11 */
12 public class Kucing_1 extends Pet{
13     public String perilaku(){
14         return "Menyukai Ikan";
15     }
16     void suara(){
17         System.out.println("Meeooww ... Meeooww");
18     }
19 }
20
```

- Navigator Tab:** Shows Members (empty), and a list of methods: Kucing_1::Pet, perilaku():String, suara().
- Output Tab:** Shows the run command and its output:

```
run:
Hanya bisa berjalan di atas Air
BUILD SUCCESSFUL (total time: 1 second)
```
- Bottom Icons:** Standard Windows-style taskbar icons.

Modull8 - NetBeans IDE 8.0.2

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

Search (Ctrl+I)

Projects x Files Services

Source Packages

- Polymorphism
 - Anjing.java
 - Childdaz.java
 - DemoOverriding.java
 - Hewan.java
 - Kucing.java
 - Kucing_1.java
 - OverloadingConstructor.java
 - Pet.java
 - Sepeda.java
 - SepedaAir.java
 - TestPolymorphism.java

Navigator x

Members <empty>

Anjing :: Pet

- perilaku(): String
- suar()

Source History

```
1  /*
2   * To change this license header, choose License Headers in Project Properties.
3   * To change this template file, choose Tools | Templates.
4   * and open the template in the editor.
5   */
6  package Polymorphism;
7
8  /**
9   *
10  * @author Robby
11  */
12 public class Anjing extends Pet{
13     public String perilaku(){
14         return "Menyukai Daging dan Tulang";
15     }
16     void suara(){
17         System.out.println("Guk..Guk..");
18     }
19 }
```

Output - Modull8 (run) x

```
run:
Hanya bisa berjalan di atas Air
BUILD SUCCESSFUL (total time: 1 second)
```

20:1 INS

Modull8 - NetBeans IDE 8.0.2

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

Search (Ctrl+I)

Projects x Files Services

Source Packages

- Polymorphism
 - Anjing.java
 - Childdaz.java
 - DemoOverriding.java
 - Hewan.java
 - Kucing.java
 - Kucing_1.java
 - OverloadingConstructor.java
 - Pet.java
 - Sepeda.java
 - SepedaAir.java
 - TestPolymorphism.java

Navigator x

Members <empty>

TestPolymorphism

- main(String[] args)

Source History

```
7
8 /**
9 *
10 * @author Robby
11 */
12 public class TestPolymorphism {
13     public static void main(String[] args){
14         Kucing_1 kcl = new Kucing_1();
15         Anjing aj= new Anjing();
16
17         kcl.beriNama("TOM");
18         System.out.println(kcl.panggilNama());
19         System.out.println(kcl.perilaku());
20         kcl.suara();
21
22         aj.beriNama("BULL");
23         System.out.println(aj.panggilNama());
24         System.out.println(aj.perilaku());
25         aj.suara();
26     }
27 }
```

Output - Modull8 (run) x

```
run:
TOM
Menyukai Ikan
Meecow ... Meecow
BULL
Menyukai Daging dan Tulang
Guk..Guk..
BUILD SUCCESSFUL (total time: 2 seconds)
```

20:1 INS

TUGAS

Modull8 - NetBeans IDE 8.0.2

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

Projects x Files Services

...java Sepeda.java x SepedaAir.java x OverloadingConstructor.java x Pet.java x Kucing_1.java x Anjing.java x TestPolymorphism.java x Bank.java x

Source History

```
1  /*
2   * To change this license header, choose License Headers in Project Properties.
3   * To change this template file, choose Tools | Templates
4   * and open the template in the editor.
5   */
6 package TUGAS;
7
8 /**
9  *
10 * @author Robby
11 */
12 public class Bank {
13     protected int rasio;
14     protected void rasioBunga(int rasio) {
15         this.rasio = 2 ;
16     }
17     protected int rasioBunga() {
18         return rasio;
19     }
20 }
21
```

Output - Modull8 (run) x

```
run:
TOM
Menyukai Ikan
Meecccw ... Meecccw
BULL
Menyukai Daging dan Tulang
Guk..Guk..Guk..
BUILD SUCCESSFUL (total time: 2 seconds)
```

Modull8 - NetBeans IDE 8.0.2

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

Projects x Files Services

...java OverloadingConstructor.java x Pet.java x Kucing_1.java x Anjing.java x TestPolymorphism.java x Bank.java x BankPribadi.java x

Source History

```
1  /*
2   * To change this license header, choose License Headers in Project Properties.
3   * To change this template file, choose Tools | Templates
4   * and open the template in the editor.
5   */
6 package TUGAS;
7
8 /**
9  *
10 * @author Robby
11 */
12 public class BankPribadi extends Bank{
13     protected int rasioBunga(){
14         return 4 ;
15     }
16 }
```

Output - Modull8 (run) x

```
run:
TOM
Menyukai Ikan
Meecccw ... Meecccw
BULL
Menyukai Daging dan Tulang
Guk..Guk..Guk..
BUILD SUCCESSFUL (total time: 2 seconds)
```

Modull8 - NetBeans IDE 8.0.2

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

Source History

Projects x **Files** x **Services** x

...java Pet.java x Kucing_1.java x Anjing.java x TestPolymorphism.java x Bank.java x BankPribadi.java x BankUmum.java x

1 /*
2 * To change this license header, choose License Headers in Project Properties.
3 * To change this template file, choose Tools | Templates
4 * and open the template in the editor.
5 */
6 package TUGAS;
7
8 /**
9 *
10 * @author Robby
11 */
12 public class BankUmum extends Bank {
13 protected int rasioBunga() {
14 return 5 ;
15 }
16 }

Output - Modull8 (run) x

run:
 TOM
 Menyukai Ikan
 Meeoww ... Meeoww
 BULL
 Menyukai Daging dan Tulang
Guk..Guk..Guk..
BUILD SUCCESSFUL (total time: 2 seconds)

22:02 28/11/2019

Modull8 - NetBeans IDE 8.0.2

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

Source History

Projects x **Files** x **Services** x

...java Sepeda.java x SepedaAir.java x TestPolymorphism.java x Bank.java x BankPribadi.java x BankUmum.java x BankPasar.java x

1 /*
2 * To change this license header, choose License Headers in Project Properties.
3 * To change this template file, choose Tools | Templates
4 * and open the template in the editor.
5 */
6 package TUGAS;
7
8 /**
9 *
10 * @author Robby
11 */
12 public class BankPasar extends BankUmum{
13 protected int rasioBunga() {
14 return 6 ;
15 }
16 }

Output - Modull8 (run) x

run:
 TOM
 Menyukai Ikan
 Meeoww ... Meeoww
 BULL
 Menyukai Daging dan Tulang
Guk..Guk..Guk..
BUILD SUCCESSFUL (total time: 2 seconds)

22:02 28/11/2019

Modull8 - NetBeans IDE 8.0.2

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

Source History

Projects Files Services

...java Kucing_1.java Anjing.java TestPolymorphism.java Bank.java BankPribadi.java BankUmum.java BankPasar.java BankSyariah.java

Source History

1 * To change this license header, choose License Headers in Project Properties.
2 * To change this template file, choose Tools | Templates
3 * and open the template in the editor.
4 */
5 package TUGAS;
6
7 /**
8 *
9 * @author Robby
10 */
11 public class BankSyariah extends BankUmum{
12 protected int rasioBunga(){
13 return 7;
14 }
15 }
16

Navigator x Members <empty>

BankSyariah :: BankUmum
 ratioBunga():int

Output - Modull8 (run) x

run:
TOM
Menyukai Ikan
Meecoww ... Meecoww
BULL
Menyukai Daging dan Tulang
Guk..Guk..Guk..
BUILD SUCCESSFUL (total time: 2 seconds)

Modull8 - NetBeans IDE 8.0.2

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

Source History

Projects Files Services

...java Anjing.java TestPolymorphism.java Bank.java BankPribadi.java BankUmum.java BankPasar.java BankSyariah.java Coba.java

Source History

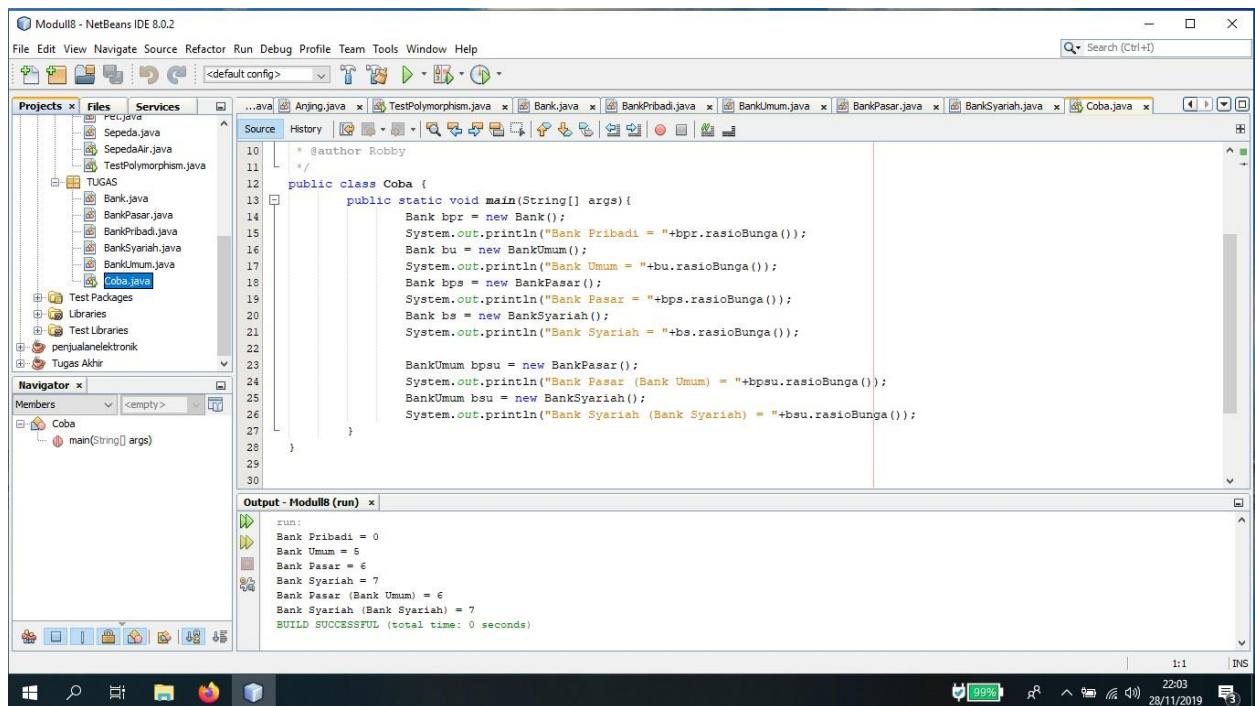
1 /*
2 * To change this license header, choose License Headers in Project Properties.
3 * To change this template file, choose Tools | Templates
4 * and open the template in the editor.
5 */
6 package TUGAS;
7
8 /**
9 *
10 * @author Robby
11 */
12 public class Coba {
13 public static void main(String[] args){
14 Bank bpr = new Bank();
15 System.out.println("Bank Pribadi = "+bpr.rasioBunga());
16 Bank bu = new BankUmum();
17 System.out.println("Bank Umum = "+bu.rasioBunga());
18 Bank bps = new BankPasar();
19 System.out.println("Bank Pasar = "+bps.rasioBunga());
20 Bank bs = new BankSyariah();
21 System.out.println("Bank Syariah = "+bs.rasioBunga());
22 }
23 }

Navigator x Members <empty>

Coba
 main(String[] args)

Output - Modull8 (run) x

run:
Bank Pribadi = 0
Bank Umum = 5
Bank Pasar = 6
Bank Syariah = 7
Bank Pasar (Bank Umum) = 6
Bank Syariah (Bank Syariah) = 7
BUILD SUCCESSFUL (total time: 0 seconds)



MODUL 9

Modul9 - NetBeans IDE 8.0.2

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

Projects Files Services

Modul9

Source Packages

- modul9
 - JajarGanjang.java
 - Lingkaran.java
 - MethodAbstrak.java
 - MethodKlik.java
 - Persegi.java
 - PersegiPanjang.java
 - Segitiga.java
- modul9.Tugas
 - Balok.java
 - Bola.java
 - Hasil.java
 - Kerucut.java
 - Kubus.java

Navigator

Members

- MethodAbstrak
 - getKeling() : int
 - getLuas() : int
 - keling() : int
 - luas() : int

Output

```
1 /*  
2  * To change this license header, choose License Headers in Project Properties.  
3  * To change this template file, choose Tools | Templates  
4  * and open the template in the editor.  
5 */  
6 package modul9;  
7  
8 /**  
9  *  
10 * @author LABRPL-1  
11 */  
12 public abstract class MethodAbstrak {  
13     public abstract int luas();  
14     public abstract int keliling();  
15  
16     public int getLuas(){  
17         return luas();  
18     }  
19  
20     public int getKeliling(){  
21         return keliling();  
22     }  
23 }  
24
```

Modul9 - NetBeans IDE 8.0.2

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

Projects Files Services

Modul9

Source Packages

- modul9
 - JajarGanjang.java
 - Lingkaran.java
 - MethodAbstrak.java
 - MethodKlik.java
 - Persegi.java
 - PersegiPanjang.java
 - Segitiga.java
- modul9.Tugas
 - Balok.java
 - Bola.java
 - Hasil.java
 - Kerucut.java
 - Kubus.java

Navigator

Members

- Persegi :: MethodAbstrak
 - keling() : int
 - luas() : int
 - sisi : int

Output

```
1 /*  
2  * To change this license header, choose License Headers in Project Properties.  
3  * To change this template file, choose Tools | Templates  
4  * and open the template in the editor.  
5 */  
6 package modul9;  
7  
8 /**  
9  *  
10 * @author LABRPL-1  
11 */  
12 public class Persegi extends MethodAbstrak {  
13     int sisi = 5;  
14     @Override  
15     public int luas(){  
16         return sisi*sisi ;  
17     }  
18     @Override  
19     public int keliling(){  
20         return 4*sisi;  
21     }  
22 }  
23
```

Modul9 - NetBeans IDE 8.0.2

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

Projects Files Services

Source Packages

modul9

- JajarGenjang.java
- Lingkaran.java
- MethodAbstrak.java
- MethodBilin.java
- Persegi.java
- PersegiPanjang.java
- Segitiga.java

modul9.Tugas

- Balok.java
- Bola.java
- Hasil.java
- Kerucut.java
- Kubus.java

Navigator x

Members <empty>

PersegiPanjang : MethodAbstrak

- kelling(): int
- luas(): int
- l: int
- p: int

Source History

```
1 /* To change this license header, choose License Headers in Project Properties.
2 * To change this template file, choose Tools | Templates
3 * and open the template in the editor.
4 */
5 package modul9;
6
7 /**
8 * @author LABRPL-1
9 */
10 public class PersegiPanjang extends MethodAbstrak{
11     int p = 5;
12     int l = 6;
13
14     @Override
15     public int luas(){
16         return p * l ;
17     }
18     @Override
19     public int keliling(){
20         return 2 * (p + l);
21     }
22 }
23
24
25 }
26 }
```

Output

1:1 1:1 IN5

Modul9 - NetBeans IDE 8.0.2

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

Projects Files Services

Source Packages

modul9

- JajarGenjang.java
- Lingkaran.java
- MethodAbstrak.java
- MethodBilin.java
- Persegi.java
- PersegiPanjang.java
- Segitiga.java

modul9.Tugas

- Balok.java
- Bola.java
- Hasil.java
- Kerucut.java
- Kubus.java

Navigator x

Members <empty>

Segitiga : MethodAbstrak

- kelling(): int
- luas(): int
- alas: int
- miring: int
- tinggi: int

Source History

```
1 /*
2 * To change this license header, choose License Headers in Project Properties.
3 * To change this template file, choose Tools | Templates
4 * and open the template in the editor.
5 */
6 package modul9;
7
8 /**
9 * @author LABRPL-1
10 */
11 public class Segitiga extends MethodAbstrak{
12     int alas = 3 ;
13     int tinggi = 4 ;
14     int miring = 5 ;
15
16     @Override
17     public int luas(){
18         return (alas * tinggi) / 2 ;
19     }
20     @Override
21     public int keliling(){
22         return alas + (miring * 2) ;
23     }
24 }
25
26 }
```

Output

1:1 1:1 IN5

Modul9 - NetBeans IDE 8.0.2

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

Projects Files Services

Source Packages

modul9

- JajarGenjang.java
- Lingkaran.java
- MethodAbstrak.java
- MethodMain.java
- Persegi.java
- PersegiPanjang.java
- Segitiga.java

modul9.Tugas

- Balok.java
- Bola.java
- Hasil.java
- Kerucut.java
- Kubus.java

Navigator

Members <empty>

Lingkaran :: MethodAbstrak

- kelling0 : int
- luas0 : int
- r : int

Source History

```
1  /*
2  * To change this license header, choose License Headers in Project Properties.
3  * To change this template file, choose Tools | Templates
4  * and open the template in the editor.
5  */
6 package modul9;
7
8 /**
9 *
10 * @author LABRPL-1
11 */
12 public class Lingkaran extends MethodAbstrak{
13     int r = 20;
14
15     @Override
16     public int luas(){
17         double luas = Math.PI * (r * r);
18         return (int)luas;
19     }
20     @Override
21     public int keliling(){
22         double keliling = Math.PI * (r * 2);
23         return (int)keliling ;
24     }
25 }
```

Output

21:56 05/12/2019

Modul9 - NetBeans IDE 8.0.2

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

Projects Files Services

Source Packages

modul9

- JajarGenjang.java
- Lingkaran.java
- MethodAbstrak.java
- MethodMain.java
- Persegi.java
- PersegiPanjang.java
- Segitiga.java

modul9.Tugas

- Balok.java
- Bola.java
- Hasil.java
- Kerucut.java
- Kubus.java

Navigator

Members <empty>

JajarGenjang :: MethodAbstrak

- kelling0 : int
- luas0 : int
- alas : int
- miring : int
- tinggi : int

Source History

```
1  /*
2  * To change this license header, choose License Headers in Project Properties.
3  * To change this template file, choose Tools | Templates
4  * and open the template in the editor.
5  */
6 package modul9;
7
8 /**
9 *
10 * @author LABRPL-1
11 */
12 public class JajarGenjang extends MethodAbstrak {
13     int alas = 20;
14     int tinggi = 3;
15     int miring = 2;
16
17     @Override
18     public int luas(){
19         return (alas * tinggi) ;
20     }
21     @Override
22     public int keliling(){
23         return (alas + miring) * 2;
24     }
25 }
```

Output

21:56 05/12/2019

Modul9 - NetBeans IDE 8.0.2

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

Projects x Files Services <default config> T P G S E

Source Packages modul9 modul9 JajarGenjang.java Lingkaran.java MethodAbstrak.java MethodMain.java Persegi.java Persegipanjang.java Segitiga.java modul9.Tugas Balok.java Bola.java Hasil.java Kerucut.java Kubus.java

Source History

MethodMain.java

```
1 * @author LABRPL-1
2 */
3 public class MethodMain {
4     public static void main(String[] args){
5         Persegi p = new Persegi();
6         Persegipanjang pp = new Persegipanjang();
7         JajarGenjang jjr = new JajarGenjang();
8         Lingkaran lng = new Lingkaran();
9         Segitiga sgt = new Segitiga();
10
11         System.out.println("Persegi");
12         System.out.println("Keliling = " + p.getKeliling());
13         System.out.println("Luas = " + p.getLuas());
14
15         System.out.println("\nPersegipanjang");
16         System.out.println("Keliling = " + pp.getKeliling());
17         System.out.println("Luas = " + pp.getLuas());
18
19         System.out.println("\nJajar Genjang");
20         System.out.println("Keliling = " + jjr.getKeliling());
21         System.out.println("Luas = " + jjr.getLuas());
22
23         System.out.println("\nLingkaran");
24         System.out.println("Keliling = " + lng.getKeliling());
25         System.out.println("Luas = " + lng.getLuas());
26
27         System.out.println("\nSegitiga");
28         System.out.println("Keliling = " + sgt.getKeliling());
29         System.out.println("Luas = " + sgt.getLuas());
30     }
31
32 }
33
34
35
36
37
38
39
40 }
```

Navigator x Members <empty>

MethodMain main(String[] args)

Output

Search (Ctrl+I) 21:56 05/12/2019

The screenshot shows the NetBeans IDE interface with the title "Modul9 - NetBeans IDE 8.0.2". The menu bar includes File, Edit, View, Navigate, Source, Refactor, Run, Debug, Profile, Team, Tools, Window, Help. The toolbar has icons for file operations like New, Open, Save, Print, and Build. The Projects tab shows a tree view of files under "Modul9" and "modul9.Tugas". The "Source Packages" node contains Java files: JajarGenjang.java, Lingkaran.java, MethodAbstrak.java, MethodMain.java, Persegi.java, PersegiPanjang.java, and Segitiga.java. The "modul9.Tugas" node contains Balok.java, Bola.java, Hasil.java, Kerucut.java, and Kubus.java. The "Navigator" tab shows the "Members" section with "MethodMain" selected, displaying the main method signature: main(String[] args). The "Code Editor" shows the content of MethodMain.java:

```
...java MethodAbstrak.java Persegi.java PersegiPanjang.java Segitiga.java Lingkaran.java JajarGenjang.java MethodMain.java
```

```
Source History
```

```
10  * @author LABRPL-1
11  */
12  package modul9;
13
14  public class MethodMain {
15
16      public static void main(String[] args) {
17          run();
18      }
19
20      public static void run() {
21          Persegi();
22          PersegiPanjang();
23          Segitiga();
24          Lingkaran();
25          JajarGenjang();
26      }
27
28      public static void Persegi() {
29          Persegi();
30          Keliling = 20;
31          Luas = 25;
32      }
33
34      public static void PersegiPanjang() {
35          PersegiPanjang();
36          Keliling = 22;
37          Luas = 30;
38      }
39
40      public static void Segitiga() {
41          Segitiga();
42          Keliling = 13;
43          Luas = 6;
44      }
45
46      public static void Lingkaran() {
47          Lingkaran();
48          Keliling = 125;
49          Luas = 1256;
50      }
51
52      public static void JajarGenjang() {
53          JajarGenjang();
54          Keliling = 44;
55          Luas = 60;
56      }
57
58      public static void Lingkaran() {
59          Lingkaran();
60          Keliling = 125;
61          Luas = 1256;
62      }
63
64      public static void Segitiga() {
65          Segitiga();
66          Keliling = 13;
67          Luas = 6;
68      }
69
70      public static void JajarGenjang() {
71          JajarGenjang();
72          Keliling = 44;
73          Luas = 60;
74      }
75
76      public static void Lingkaran() {
77          Lingkaran();
78          Keliling = 125;
79          Luas = 1256;
80      }
81
82      public static void Segitiga() {
83          Segitiga();
84          Keliling = 13;
85          Luas = 6;
86      }
87
88      public static void Lingkaran() {
89          Lingkaran();
90          Keliling = 125;
91          Luas = 1256;
92      }
93
94      public static void JajarGenjang() {
95          JajarGenjang();
96          Keliling = 44;
97          Luas = 60;
98      }
99
100     public static void Lingkaran() {
101         Lingkaran();
102         Keliling = 125;
103         Luas = 1256;
104     }
105
106     public static void Segitiga() {
107         Segitiga();
108         Keliling = 13;
109         Luas = 6;
110     }
111
112     public static void JajarGenjang() {
113         JajarGenjang();
114         Keliling = 44;
115         Luas = 60;
116     }
117
118     public static void Lingkaran() {
119         Lingkaran();
120         Keliling = 125;
121         Luas = 1256;
122     }
123
124     public static void Segitiga() {
125         Segitiga();
126         Keliling = 13;
127         Luas = 6;
128     }
129
130     public static void JajarGenjang() {
131         JajarGenjang();
132         Keliling = 44;
133         Luas = 60;
134     }
135
136     public static void Lingkaran() {
137         Lingkaran();
138         Keliling = 125;
139         Luas = 1256;
140     }
141
142     public static void Segitiga() {
143         Segitiga();
144         Keliling = 13;
145         Luas = 6;
146     }
147
148     public static void JajarGenjang() {
149         JajarGenjang();
150         Keliling = 44;
151         Luas = 60;
152     }
153
154     public static void Lingkaran() {
155         Lingkaran();
156         Keliling = 125;
157         Luas = 1256;
158     }
159
160     public static void Segitiga() {
161         Segitiga();
162         Keliling = 13;
163         Luas = 6;
164     }
165
166     public static void JajarGenjang() {
167         JajarGenjang();
168         Keliling = 44;
169         Luas = 60;
170     }
171
172     public static void Lingkaran() {
173         Lingkaran();
174         Keliling = 125;
175         Luas = 1256;
176     }
177
178     public static void Segitiga() {
179         Segitiga();
180         Keliling = 13;
181         Luas = 6;
182     }
183
184     public static void JajarGenjang() {
185         JajarGenjang();
186         Keliling = 44;
187         Luas = 60;
188     }
189
190     public static void Lingkaran() {
191         Lingkaran();
192         Keliling = 125;
193         Luas = 1256;
194     }
195
196     public static void Segitiga() {
197         Segitiga();
198         Keliling = 13;
199         Luas = 6;
200     }
201
202     public static void JajarGenjang() {
203         JajarGenjang();
204         Keliling = 44;
205         Luas = 60;
206     }
207
208     public static void Lingkaran() {
209         Lingkaran();
210         Keliling = 125;
211         Luas = 1256;
212     }
213
214     public static void Segitiga() {
215         Segitiga();
216         Keliling = 13;
217         Luas = 6;
218     }
219
220     public static void JajarGenjang() {
221         JajarGenjang();
222         Keliling = 44;
223         Luas = 60;
224     }
225
226     public static void Lingkaran() {
227         Lingkaran();
228         Keliling = 125;
229         Luas = 1256;
230     }
231
232     public static void Segitiga() {
233         Segitiga();
234         Keliling = 13;
235         Luas = 6;
236     }
237
238     public static void JajarGenjang() {
239         JajarGenjang();
240         Keliling = 44;
241         Luas = 60;
242     }
243
244     public static void Lingkaran() {
245         Lingkaran();
246         Keliling = 125;
247         Luas = 1256;
248     }
249
250     public static void Segitiga() {
251         Segitiga();
252         Keliling = 13;
253         Luas = 6;
254     }
255
256     public static void JajarGenjang() {
257         JajarGenjang();
258         Keliling = 44;
259         Luas = 60;
260     }
261
262     public static void Lingkaran() {
263         Lingkaran();
264         Keliling = 125;
265         Luas = 1256;
266     }
267
268     public static void Segitiga() {
269         Segitiga();
270         Keliling = 13;
271         Luas = 6;
272     }
273
274     public static void JajarGenjang() {
275         JajarGenjang();
276         Keliling = 44;
277         Luas = 60;
278     }
279
280     public static void Lingkaran() {
281         Lingkaran();
282         Keliling = 125;
283         Luas = 1256;
284     }
285
286     public static void Segitiga() {
287         Segitiga();
288         Keliling = 13;
289         Luas = 6;
290     }
291
292     public static void JajarGenjang() {
293         JajarGenjang();
294         Keliling = 44;
295         Luas = 60;
296     }
297
298     public static void Lingkaran() {
299         Lingkaran();
300         Keliling = 125;
301         Luas = 1256;
302     }
303
304     public static void Segitiga() {
305         Segitiga();
306         Keliling = 13;
307         Luas = 6;
308     }
309
310     public static void JajarGenjang() {
311         JajarGenjang();
312         Keliling = 44;
313         Luas = 60;
314     }
315
316     public static void Lingkaran() {
317         Lingkaran();
318         Keliling = 125;
319         Luas = 1256;
320     }
321
322     public static void Segitiga() {
323         Segitiga();
324         Keliling = 13;
325         Luas = 6;
326     }
327
328     public static void JajarGenjang() {
329         JajarGenjang();
330         Keliling = 44;
331         Luas = 60;
332     }
333
334     public static void Lingkaran() {
335         Lingkaran();
336         Keliling = 125;
337         Luas = 1256;
338     }
339
340     public static void Segitiga() {
341         Segitiga();
342         Keliling = 13;
343         Luas = 6;
344     }
345
346     public static void JajarGenjang() {
347         JajarGenjang();
348         Keliling = 44;
349         Luas = 60;
350     }
351
352     public static void Lingkaran() {
353         Lingkaran();
354         Keliling = 125;
355         Luas = 1256;
356     }
357
358     public static void Segitiga() {
359         Segitiga();
360         Keliling = 13;
361         Luas = 6;
362     }
363
364     public static void JajarGenjang() {
365         JajarGenjang();
366         Keliling = 44;
367         Luas = 60;
368     }
369
370     public static void Lingkaran() {
371         Lingkaran();
372         Keliling = 125;
373         Luas = 1256;
374     }
375
376     public static void Segitiga() {
377         Segitiga();
378         Keliling = 13;
379         Luas = 6;
380     }
381
382     public static void JajarGenjang() {
383         JajarGenjang();
384         Keliling = 44;
385         Luas = 60;
386     }
387
388     public static void Lingkaran() {
389         Lingkaran();
390         Keliling = 125;
391         Luas = 1256;
392     }
393
394     public static void Segitiga() {
395         Segitiga();
396         Keliling = 13;
397         Luas = 6;
398     }
399
400     public static void JajarGenjang() {
401         JajarGenjang();
402         Keliling = 44;
403         Luas = 60;
404     }
405
406     public static void Lingkaran() {
407         Lingkaran();
408         Keliling = 125;
409         Luas = 1256;
410     }
411
412     public static void Segitiga() {
413         Segitiga();
414         Keliling = 13;
415         Luas = 6;
416     }
417
418     public static void JajarGenjang() {
419         JajarGenjang();
420         Keliling = 44;
421         Luas = 60;
422     }
423
424     public static void Lingkaran() {
425         Lingkaran();
426         Keliling = 125;
427         Luas = 1256;
428     }
429
430     public static void Segitiga() {
431         Segitiga();
432         Keliling = 13;
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13
```

Modul9 - NetBeans IDE 8.0.2

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

...java PersegPanjang.java Segitiga.java Lingkar.java JajarGenjang.java MethodMain.java MethodAbstrak.java

Projects x Files Services

Persegi.java PersegPanjang.java Segitiga.java Lingkar.java JajarGenjang.java MethodMain.java MethodAbstrak.java

modul9.Tugas Balok.java Bola.java Hasil.java Kerucut.java Kubus.java PrismaSegitiga.java

Test Packages Libraries Test Libraries TUGASSSSS

Navigator x Members <empty>

MethodAbstrak Volume(): int getLuasSelimut(): int getVolume(): int luasSelimut(): int

Source History

```

1 /*
2  * To change this license header, choose License Headers in Project Properties.
3  * To change this template file, choose Tools | Templates
4  * and open the template in the editor.
5  */
6 package modul9.Tugas;
7
8 /**
9  *
10  * @author LABRPL-1
11  */
12 public abstract class MethodAbstrak {
13     abstract int Volume();
14     abstract int luasSelimut();
15
16     int getVolume() {
17         return Volume();
18     }
19
20     int getLuasSelimut() {
21         return luasSelimut();
22     }
23
24
25 }
```

Output

Modul9 - NetBeans IDE 8.0.2

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

...java PersegPanjang.java Segitiga.java Lingkar.java JajarGenjang.java MethodMain.java MethodAbstrak.java Kubus.java

Projects x Files Services

Persegi.java PersegPanjang.java Segitiga.java Lingkar.java JajarGenjang.java MethodMain.java MethodAbstrak.java Kubus.java

modul9.Tugas Balok.java Bola.java Hasil.java Kerucut.java Kubus.java PrismaSegitiga.java

Test Packages Libraries Test Libraries TUGASSSSS

Navigator x Members <empty>

Kubus :: MethodAbstrak Volume(): int luasSelimut(): int s: int

Source History

```

1 /*
2  * To change this license header, choose License Headers in Project Properties.
3  * To change this template file, choose Tools | Templates
4  * and open the template in the editor.
5  */
6 package modul9.Tugas;
7
8 /**
9  *
10  * @author LABRPL-1
11  */
12 public class Kubus extends MethodAbstrak {
13     int s = 2;
14     @Override
15     public int Volume() {
16         return s * s * s;
17     }
18     @Override
19     public int luasSelimut() {
20         return 6 * s * s;
21     }
22 }
```

Output

Modul9 - NetBeans IDE 8.0.2

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

...ave Segitiga.java Lingkaran.java JajarGenjang.java MethodMain.java MethodAbstrak.java Kubus.java Balok.java

Projects x Files Services

Persegi.java PersegiPanjang.java Segitiga.java modul9.Tugas Balok.java Bola.java Hasil.java Kerucut.java Kubus.java MethodAbstrak.java PrismaSegitiga.java

Test Packages Libraries Test Libraries TUGASSSSS

Navigator x Members <empty>

Balok :: MethodAbstrak

- Volume(): int
- luasSelimut(): int
- l: int
- p: int
- t: int

Source History

```
1 /* To change this license header, choose License Headers in Project Properties.
2 * To change this template file, choose Tools | Templates
3 * and open the template in the editor.
4 */
5 package modul9.Tugas;
6
7 /**
8 *
9 * @author LABRPL-1
10 */
11
12 public class Balok extends MethodAbstrak{
13     int p = 5;
14     int l = 3;
15     int t = 2;
16     @Override
17     public int Volume(){
18         return 4 * (p + l + t) ;
19     }
20     @Override
21     public int luasSelimut(){
22         return 2 *((p * l) + (p * t) + (l * t));
23     }
24 }
25
```

Output

Modul9 - NetBeans IDE 8.0.2

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

...ave Lingkaran.java JajarGenjang.java MethodMain.java MethodAbstrak.java Kubus.java Balok.java Bola.java

Projects x Files Services

Persegi.java PersegiPanjang.java Segitiga.java modul9.Tugas Balok.java Bola.java Hasil.java Kerucut.java Kubus.java MethodAbstrak.java PrismaSegitiga.java

Test Packages Libraries Test Libraries TUGASSSSS

Navigator x Members <empty>

Bola :: MethodAbstrak

- Volume(): int
- luasSelimut(): int
- r: int

Source History

```
1 /*
2 * To change this license header, choose License Headers in Project Properties.
3 * To change this template file, choose Tools | Templates
4 * and open the template in the editor.
5 */
6 package modul9.Tugas;
7
8 /**
9 *
10 * @author LABRPL-1
11 */
12
13 public class Bola extends MethodAbstrak{
14     int r = 10;
15     @Override
16     public int Volume(){
17         double volume = (1.33 * Math.PI * (r * r * r)) ;
18         return (int)volume;
19     }
20     @Override
21     public int luasSelimut(){
22         double luasSelimut = 4 * Math.PI * (r * r);
23         return (int)luasSelimut;
24     }
25 }
```

Output

Modul9 - NetBeans IDE 8.0.2

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

...ave Lingkaran.java JajarGenjang.java MethodMain.java MethodAbstrak.java Kubus.java Balok.java Bola.java

Projects x Files Services

Persegi.java PersegiPanjang.java Segitiga.java modul9.Tugas Balok.java Bola.java Hasil.java Kerucut.java Kubus.java MethodAbstrak.java PrismaSegitiga.java

Test Packages Libraries Test Libraries TUGASSSSS

Navigator x Members <empty>

Bola :: MethodAbstrak

- Volume(): int
- luasSelimut(): int
- r: int

Source History

```
1 /*
2 * To change this license header, choose License Headers in Project Properties.
3 * To change this template file, choose Tools | Templates
4 * and open the template in the editor.
5 */
6 package modul9.Tugas;
7
8 /**
9 *
10 * @author LABRPL-1
11 */
12
13 public class Bola extends MethodAbstrak{
14     int r = 10;
15     @Override
16     public int Volume(){
17         double volume = (1.33 * Math.PI * (r * r * r)) ;
18         return (int)volume;
19     }
20     @Override
21     public int luasSelimut(){
22         double luasSelimut = 4 * Math.PI * (r * r);
23         return (int)luasSelimut;
24     }
25 }
```

Output

Modul9 - NetBeans IDE 8.0.2

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

...ave JajarGenjang.java x MethodMain.java x MethodAbstrak.java x Kubus.java x Balok.java x Bola.java x Kerucut.java x

Projects x Files Services

modul9.Tugas

Kerucut.java

```

1  /*
2   * To change this license header, choose License Headers in Project Properties.
3   * To change this template file, choose Tools | Templates
4   * and open the template in the editor.
5   */
6 package modul9.Tugas;
7
8 /**
9 *
10 * @author LABRPL-1
11 */
12 public class Kerucut extends MethodAbstrak{
13     int t = 10;
14     int x = 21;
15     int s = 2 ;
16     @Override
17     public int Volume(){
18         double volume = (0.33 * Math.PI * (x * x) * t) ;
19         return (int)volume;
20     }
21     @Override
22     public int luasSelimut(){
23         double luasSelimut = (Math.PI * x *(x + s)) ;
24         return (int)luasSelimut;
25     }
26 }
27

```

Navigator x

Members <empty>

Kerucut :: MethodAbstrak

- Volume(): int
- luasSelimut(): int
- r: int
- s: int
- t: int

Output

Modul9 - NetBeans IDE 8.0.2

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

...ave MethodMain.java x MethodAbstrak.java x Kubus.java x Balok.java x Bola.java x Kerucut.java x PrismaSegitiga.java x

Projects x Files Services

modul9.Tugas

PrismaSegitiga.java

```

1  /*
2   * To change this license header, choose License Headers in Project Properties.
3   * To change this template file, choose Tools | Templates
4   * and open the template in the editor.
5   */
6 package modul9.Tugas;
7
8 /**
9 *
10 * @author LABRPL-1
11 */
12 public class PrismaSegitiga extends MethodAbstrak{
13     int luasAlas = 30 ;
14     int tinggi = 10 ;
15     int luasTengah = 50 ;
16     @Override
17     public int Volume(){
18         return luasAlas * tinggi ;
19     }
20     @Override
21     public int luasSelimut(){
22         return (2 * luasAlas) + ((3 * luasTengah)) ;
23     }
24 }
25

```

Navigator x

Members <empty>

PrismaSegitiga :: MethodAbstrak

- Volume(): int
- luasSelimut(): int
- luasAlas: int
- luasTengah: int
- tinggi: int

Output

The screenshot shows the NetBeans IDE interface with the title "Modul9 - NetBeans IDE 8.0.2". The menu bar includes File, Edit, View, Navigate, Source, Refactor, Run, Debug, Profile, Team, Tools, Window, Help. The toolbar has icons for file operations like New, Open, Save, Cut, Copy, Paste, Find, and Run. The Projects tab shows a package named "modul9.Tugas" containing classes: Bola.java, Balok.java, Hasil.java, Kerucut.java, Kubus.java, MethodAbstrak.java, and PrismaSegitiga.java. The Services tab is also visible. The central editor window displays Java code for a class named "Hasil" which prints the surface area and volume of various shapes (Balok, Kubus, Kerucut, Prisma Segitiga, Bola). The Navigator tab shows the members of the "Hasil" class, specifically the main method. The Output tab at the bottom shows some build logs.

```
 10 * <author> LARASPTI</author>
 11 */
 12 public class Hasil {
 13     public static void main(String[] args) {
 14         Balok blk = new Balok();
 15         Kubus kbs = new Kubus();
 16         Kerucut krc = new Kerucut();
 17         PrismaSegitiga psm = new PrismaSegitiga();
 18         Bola bl = new Bola();
 19
 20         System.out.println("\nBalok");
 21         System.out.println("Luas Permukaan = " + blk.luasSelimut());
 22         System.out.println("Volume = " + blk.Volume());
 23
 24         System.out.println("\nKubus");
 25         System.out.println("Luas Permukaan = " + kbs.luasSelimut());
 26         System.out.println("Volume = " + kbs.Volume());
 27
 28         System.out.println("\nKerucut");
 29         System.out.println("Luas Permukaan = " + krc.luasSelimut());
 30         System.out.println("Volume = " + krc.Volume());
 31
 32         System.out.println("\nPrisma Segitiga");
 33         System.out.println("Luas Permukaan = " + psm.luasSelimut());
 34         System.out.println("Volume = " + psm.Volume());
 35
 36         System.out.println("\nBola");
 37         System.out.println("Luas Permukaan = " + bl.luasSelimut());
 38         System.out.println("Volume = " + bl.Volume());
 39     }
 40 }
```

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

- Title Bar:** Modul9 - NetBeans IDE 8.0.2
- Menu Bar:** File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
- Toolbar:** Includes icons for New, Open, Save, Cut, Copy, Paste, Find, and others.
- Projects Tab:** Shows the project structure with files like Persegi.java, PersegiPanjang.java, Segitiga.java, modul9.Tugas, Balok.java, Bola.java, and Hasil.java.
- Code Editor:** Displays the `Hasil.java` file containing the following code:

```
10 * " GUTHRI LAKSYN - 1
11 */
12 public class Hasil {
13     public static void main(String[] args) {
14         Balok blk = new Balok();
15         Kubus kbs = new Kubus();
```
- Output Tab:** Shows the run output for various shapes:

```
run:
Balok
Luas Permukaan = 62
Volume = 40

Kubus
Luas Permukaan = 24
Volume = 8

Kerucut
Luas Permukaan = 1517
Volume = 4571

Prisma Segitiga
Luas Permukaan = 210
Volume = 300

Bola
Luas Permukaan = 1256
Volume = 4178
BUILD SUCCESSFUL (total time: 0 seconds)
```
- System Tray:** Shows battery level (100%), signal strength, and date/time (05/12/2019 21:57).

MODUL 10

Modul10 - NetBeans IDE 8.0.2

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

Start Page BevelBorder.java KeyAdapter.java String.java ImageIcon.java ActivityAnimal.java

Projects x Files Services Modul10 Belajar

Source History

```
1 /* To change this license header, choose License Headers in Project Properties.
2 * To change this template file, choose Tools | Templates
3 * and open the template in the editor.
4 */
5
6 /**
7 *
8 * @author Robby
9 */
10 public interface ActivityAnimal {
11     public void eat();
12     public void travel();
13 }
```

Navigator x Members <empty>

ActivityAnimal :: none

- eat()
- travel()

Output

Modul10 - NetBeans IDE 8.0.2

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

Start Page BevelBorder.java KeyAdapter.java String.java ImageIcon.java ActivityAnimal.java Mamalia.java

Projects x Files Services Modul10 Belajar

Source History

```
4 * and open the template in the editor.
5 */
6 /**
7 *
8 * @author Win Robby
9 */
10 public class Mamalia implements ActivityAnimal{
11     public void eat(){
12         System.out.println("Mammal eats");
13     }
14     public void travel(){
15         System.out.println("Mammal Travels ");
16     }
17     public int noOfLegs(){
18         return 0;
19     }
20     public static void main(String[] args){
21         Mamalia m = new Mamalia();
22         m.eat();
23         m.travel();
24     }
25 }
```

Navigator x Members <empty>

Mamalia :: ActivityAnimal

- eat()
- main(String[] args)
- noOfLegs(): int
- travel()

Output - Modul10 (run)

```
run:
Mammal eats
Mammal Travels
BUILD SUCCESSFUL (total time: 1 second)
```

Output

The screenshot shows the NetBeans IDE interface with the title "Modul10 - NetBeans IDE 8.0.2". The menu bar includes File, Edit, View, Navigate, Source, Refactor, Run, Debug, Profile, Team, Tools, Window, Help. The toolbar has icons for New Project, Open Project, Save, Undo, Redo, Cut, Copy, Paste, Find, Replace, and others. The Projects tab shows a project named "Modul10" containing packages "Belajar" and "Modul10". The "Modul10" package contains source files: ActivityAnimal.java, ActivityLampu.java, AplikasiLampu.java, Lampu.java, and Mammalia.java. The Test Packages, Libraries, and Test Libraries tabs are also visible. The Navigator tab shows the members of the "ActivityLampu" class, including methods hidupkanLampu(), matikanLampu(), and redupkanLampu(), and static final variables LAMPU_HIDUP, LAMPU_MATI, and LAMPU_REDUP. The main editor area displays the code for the "ActivityLampu.java" file:

```
...age
BevelBorder.java x KeyAdapter.java x String.java x ImageIcon.java x ActivityAnimal.java x Mammalia.java x ActivityLampu.java x
Source History | 
1  /*
2   * To change this license header, choose License Headers in Project Properties.
3   * To change this template file, choose Tools | Templates
4   * and open the template in the editor.
5   */
6
7 /**
8 *
9 * @author Win Robby
10 */
11 public interface ActivityLampu {
12     public static final int LAMPU_HIDUP=1;
13     public static final int LAMPU_MATI=0;
14     public static final int LAMPU_REDUP=2;
15     public abstract void matikanLampu();
16     public abstract void hidupkanLampu();
17     public abstract void redupkanLampu();
18 }
19
```

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

- Title Bar:** Modul10 - NetBeans IDE 8.0.2
- Toolbar:** Standard NetBeans toolbar with icons for file operations, search, and project navigation.
- MenuBar:** File, Edit, View, Navigate, Source, Refactor, Run, Debug, Profile, Team, Tools, Window, Help.
- Project Explorer (Projects tab):** Shows the project structure with "Modul10" as the root. Under "Modul10", there are "Belajar" and "Source Packages". "Source Packages" contains files: ActivityAnimal.java, ActivityLampu.java, AplikasiLampu.java, Lampu.java, and Mammalia.java. Under "Test Packages", there are "Test Packages" and "Test Libraries".
- Code Editor:** The main editor window displays the Java code for the "Lampu" class. The code implements the "ActivityLampu" interface, managing a status variable (statusLampu) which cycles through 0, 1, 2, and -1. Methods include matikanLampu(), hidupkanLampu(), setSaklar(int saklar), and redupkanLampu().
- Navigator (Lampu - Navigator tab):** Shows the members of the Lampu class, including methods like hidupkanLampu(), matikanLampu(), redupkanLampu(), and setSaklar(int saklar), and a field statusLampu.
- Output Tab:** Shows the output of the build process.

```
public class Lampu implements ActivityLampu{
    public int statusLampu;

    public void matikanLampu(){
        if(statusLampu == 0){
            System.out.println("Lampu sudah dalam kondisi mati");
        }else if(statusLampu == 1){
            statusLampu = -1;
            System.out.println("Lampu sudah dimatikan");
        }
    }

    public void hidupkanLampu(){
        if(statusLampu == 1){
            System.out.println("Lampu sudah dinyalakan\n***");
        }else{
            statusLampu += 1;
            System.out.println("Lampu sudah dalam kondisi menyala");
        }
    }

    public int setSaklar(int saklar){
        return statusLampu = saklar;
    }

    public void redupkanLampu(){
        if(statusLampu == 2){
            System.out.println("Lampu telah diredukan");
        }else{
            statusLampu = -1;
            System.out.println("Keredupan Lampu telah ditambah");
        }
    }
}
```

Modul10 - NetBeans IDE 8.0.2

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

Search (Ctrl+F)

Projects Files Services

Modul10

Source Packages <default package>

- ActivityAnimal.java
- ActivityLampu.java
- AplikasiLampu.java
- Lampu.java
- Mamalia.java

Test Packages Libraries Test Libraries

AplikasiLampu - Navigator

Members <empty>

AplikasiLampu

- main(String[] args)

Output - Modul10 (run)

```
run:
Status Lampu = 0
Ketikkan
1 Untuk menyalakan Lampu
0 Untuk mematikan Lampu
2 Untuk meredupkan Lampu
```

Modul10 (run) running... 30:2 IN5 1:45 8:47 20/12/2019

```
8
9 /**
10  * 
11  * @author Robby
12  */
13
14 public class AplikasiLampu {
15     public static void main(String[] args){
16         Lampu lampu = new Lampu();
17         Scanner sc = new Scanner(System.in);
18         lampu.statusLampu = lampu.setSaklar(0);
19         System.out.println("Status Lampu = " + lampu.statusLampu +"\n Ketikkan");
20         System.out.println("1 Untuk menyalakan Lampu\n0 Untuk mematikan Lampu\n2 Untuk meredupkan Lampu");
21
22         if(lampu.setSaklar(sc.nextInt()) == 0){
23             lampu.matiKehilangan();
24         }else if(lampu.statusLampu == 1){
25             lampu.hidupkanLampu();
26         }else{
27             lampu.redupkanLampu();
28         }
29     }
}
```

MODUL 11

The screenshot shows the NetBeans IDE interface with the title "BAB11 - NetBeans IDE 8.0.2". The menu bar includes File, Edit, View, Navigate, Source, Refactor, Run, Debug, Profile, Team, Tools, Window, Help. The toolbar has icons for file operations like Open, Save, Find, and Build. The Project tab shows two modules: BAB11 and Modul10. The BAB11 module contains a Source Packages folder with Demo.java and NestedClass.java, and a Libraries folder. The Modul10 module contains a Source Packages folder with ActivityAnimal.java, ActivityLampu.java, AplikasiLampu.java, Lampu.java, and Mammal.java, along with a Test Packages folder. The Navigator tab displays the members of NestedClass.java, including printNama(), name, nim, InnerClass, printJurusan(), and StaticNestedClass. The code editor shows the Java code for NestedClass.java:

```
9  * @author Robby
10 /*
11  class NestedClass {
12      String name = "Robby Novianto";
13      String nim = "1200180050";
14
15      public void printNama() {
16          System.out.println(name+" : "+nim);
17      }
18
19      static class StaticNestedClass{
20          static String jurusan="informatika";
21
22          public void printNamaSNC(){
23              NestedClass nc = new NestedClass();
24              nc.printNama();
25          }
26
27
28          class InnerClass{
29              public void printJurusan(){
30                  NestedClass.StaticNestedClass jur = new NestedClass.StaticNestedClass();
31
32                  System.out.println("Jurusan: "+jur.jurusan);
33              }
34
35          }
36
37      }
```

The Output tab at the bottom shows "Modul10 (run) | running...". The status bar at the bottom right shows "36:2 150 854 INS".

BAB11 - NetBeans IDE 8.0.2

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

Project x Files Services .java ActivityAnimal.java x Mammalia.java x ActivityLampu.java x Lampu.java x Apikasilampu.java x NestedClass.java x Demo.java x

Source History

```
2 * To change this license header, choose License Headers in Project Properties.
3 * To change this template file, choose Tools | Templates
4 * and open the template in the editor.
5 */
6 /**
7 * @author Robby
8 */
9 public class Demo {
10     public static void main(String[] args) {
11         NestedClass nc = new NestedClass();
12
13         NestedClass.StaticNestedClass snc = new NestedClass.StaticNestedClass();
14         snc.printNamaSNC();
15
16         NestedClass.InnerClass ic = nc.new InnerClass();
17
18         ic.printJurusan();
19     }
20 }
21
22 }
```

Navigator x

Members <empty>

Demo

main(String[] args)

Output

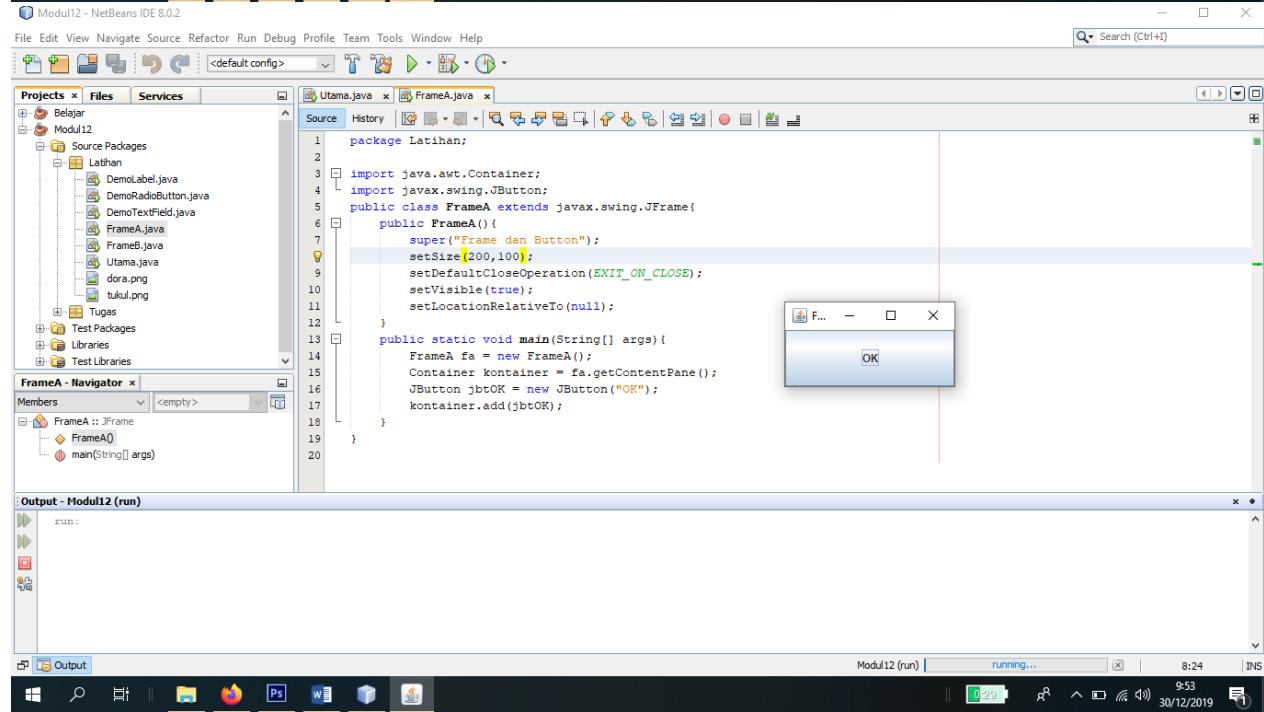
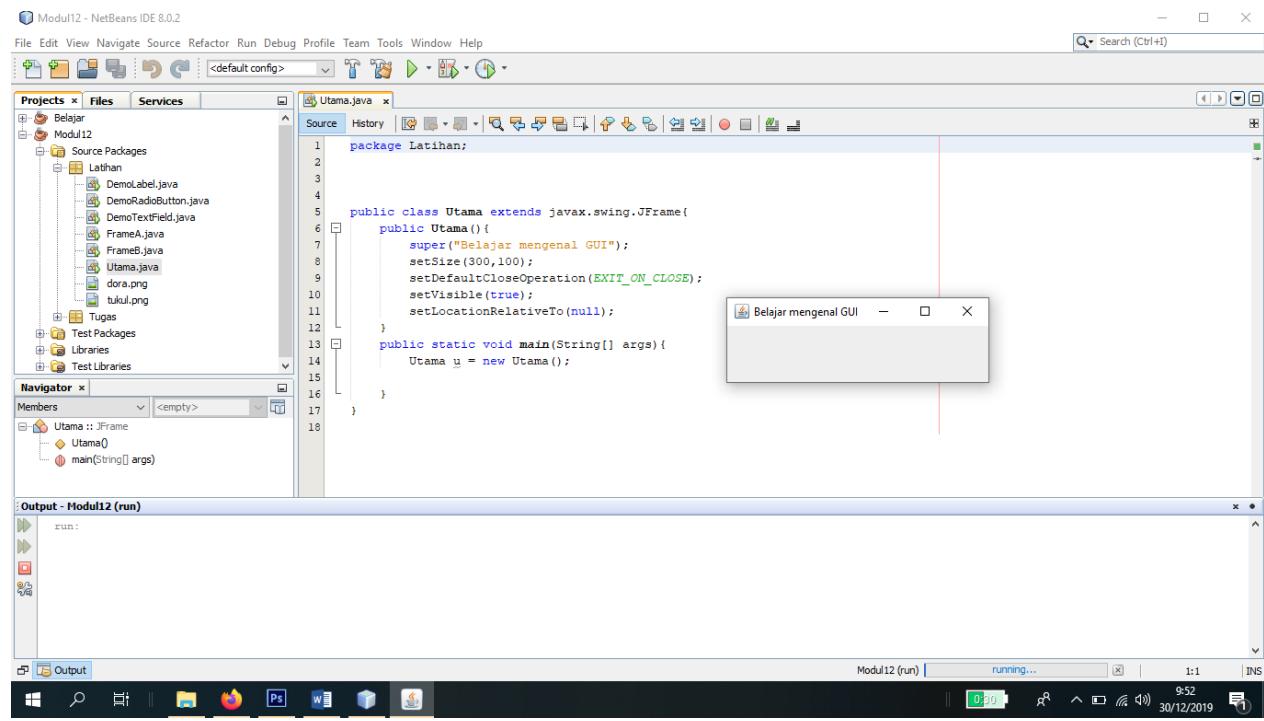
Modul10 (run) x BAB11 (run) x

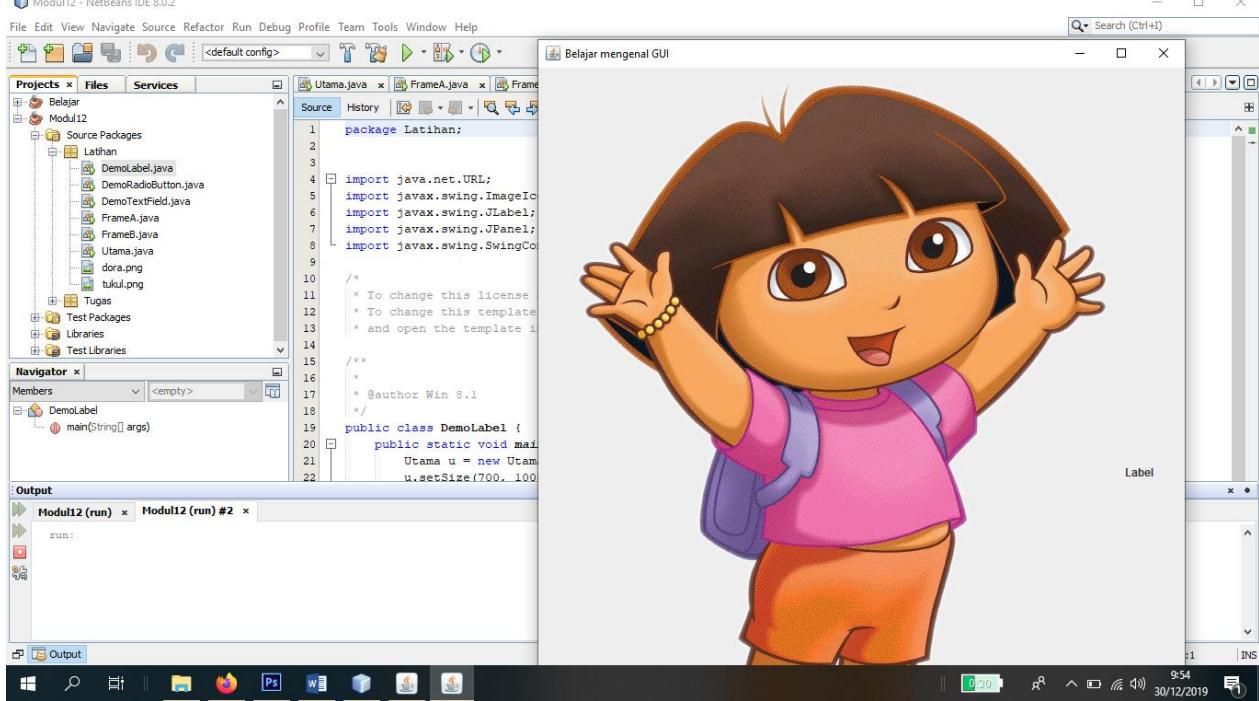
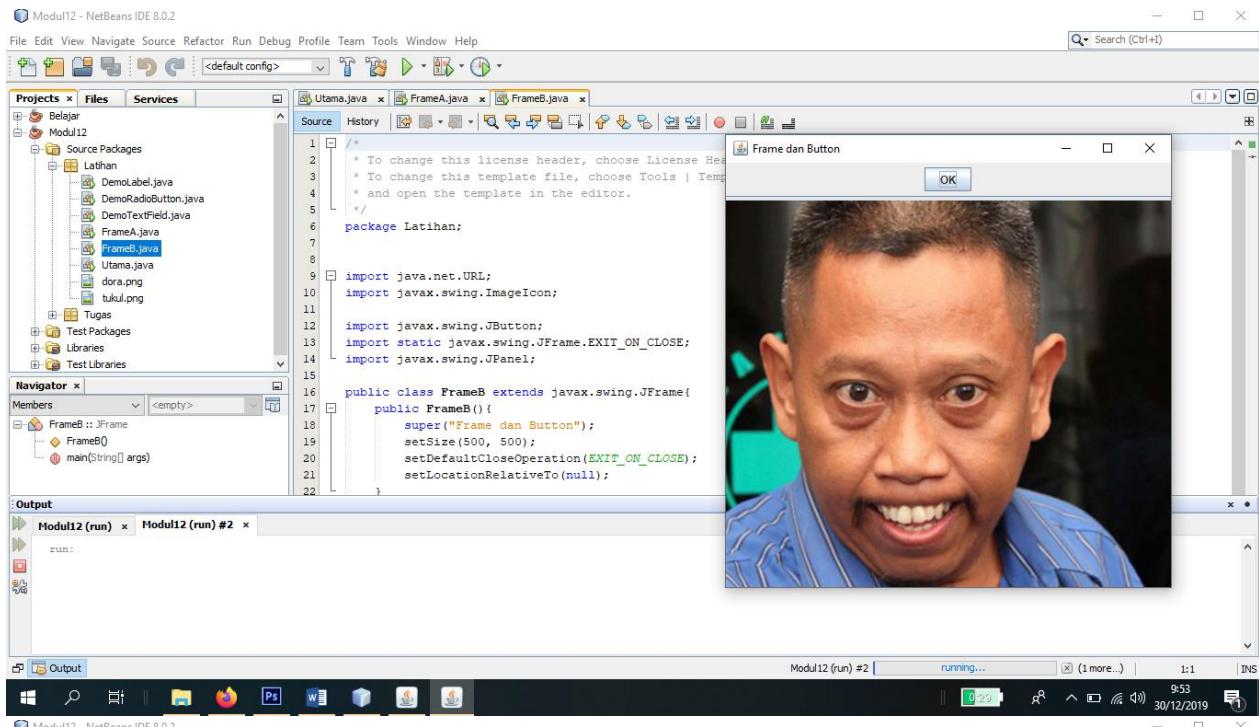
run:

Robby Novianto : L200180050
Jurusan: informatika

BUILD SUCCESSFUL (total time: 0 seconds)

MODUL 12





Modul12 - NetBeans IDE 8.0.2

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

Search (Ctrl+F)

Projects x Files Services

Belajar Modul12

Source Packages

- Latihan
 - DemoLabel.java
 - DemoRadioButton.java
 - DemoTextField.java
 - FrameA.java
 - FrameB.java
 - Utama.java
 - dora.png
 - tukul.png
- Tugas
- Test Packages
- Libraries
- Test Libraries

Navigator x

Members <empty>

DemoLabel

- main(String[] args)

```

11 * To change this license header, choose License Headers in Project Properties.
12 * To change this template file, choose Tools | Templates
13 * and open the template in the editor.
14
15 /**
16 *
17 * @author Win 8.1
18 */
19 public class DemoLabel {
20     public static void main(String[] args){
21         Utama u = new Utama();
22         u.setSize(700, 1000);
23         URL img = FrameB.class.getResource("dora.png");
24         ImageIcon ikon = new ImageIcon(img);
25         JLabel label = new JLabel("Label", ikon, SwingConstants.CENTER);
26         JPanel panel = new JPanel();
27         panel.add(label);
28         u.add(panel);
29     }
30 }

```

Output

Modul12 (run) running... 1:1 9:54 30/12/2019

Modul12 - NetBeans IDE 8.0.2

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

Search (Ctrl+F)

Projects x Files Services

Belajar Modul12

Source Packages

- Latihan
 - DemoLabel.java
 - DemoRadioButton.java
 - DemoTextField.java
 - FrameA.java
 - FrameB.java
 - Utama.java
 - dora.png
 - tukul.png
- Tugas
- Test Packages
- Libraries
- Test Libraries

Navigator x

Members <empty>

DemoRadioButton

- main(String[] args)

```

3 import javax.swing.JButtonGroup;
4 import javax.swing.JLabel;
5 import javax.swing.JPanel;
6 import javax.swing.JRadioButton;
7
8
9
10 public class DemoRadioButton {
11     public static void main(String[] args){
12         Utama u = new Utama();
13         u.setSize(1000, 100);
14
15         JRadioButton[] teams = new JRadioButton[4];
16         teams[0] = new JRadioButton("Sangat Tidak Setuju");
17         teams[1] = new JRadioButton("Tidak Setuju");
18         teams[2] = new JRadioButton("Kurang Setuju");
19         teams[3] = new JRadioButton("Setuju", true);
20         teams[3] = new JRadioButton("Sangat Setuju");
21
22         JPanel panel = new JPanel();
23         JLabel Pernyataan = new JLabel("Modul Praktikum Pemrograman Berorientasi Objek jelas dan mudah.");
24         panel.add(Pernyataan);
25         JButtonGroup group = new JButtonGroup();
26         for(int i = 0; i<teams.length; i++){
27             group.add(teams[i]);
28             panel.add(teams[i]);
29         }
30         u.add(panel);
31         u.setVisible(true);
32     }
33 }

```

Output

Modul12 (run) running... 1:1 9:54 30/12/2019

Modul12 - NetBeans IDE 8.0.2

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

Search (Ctrl+F)

Projects x Files Services

Modul12

Source Packages

Latihan

- DemoLabel.java
- DemoRadioButton.java
- DemoTextfield.java
- FrameA.java
- FrameB.java
- Utama.java
- dora.png
- tukul.png

Tugas

Test Packages

Libraries

Test Libraries

Navigator x

Members <empty>

DemoRadioButton

- main(String[] args)

Output

Modul12 (run) x Modul12 (run) #2 x

run:

Belajar mengenal GUI

Modul Praktikum Pemrograman Berorientasi Objek jelas dan mudah.

Sangat Tidak Setuju Tidak Setuju Kurang Setuju Sangat Setuju

JRadioButton[] teams = new JRadioButton[4];

JPanel panel = new JPanel();

JLabel Pernyataan = new JLabel("Modul Praktikum Pemrograman Berorientasi Objek jelas dan mudah.");

panel.add(Pernyataan);

Modul12 (run) #2 | running... | (1 more...) | 1:1 | INS

9:54 30/12/2019

Modul12 - NetBeans IDE 8.0.2

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

Search (Ctrl+F)

Projects x Files Services

Modul12

Source Packages

Latihan

- DemoLabel.java
- DemoRadioButton.java
- DemoTextfield.java**
- FrameA.java
- FrameB.java
- Utama.java
- dora.png
- tukul.png

Tugas

Test Packages

Libraries

Test Libraries

Navigator x

Members <empty>

DemoTextfield

- main(String[] args)

Output

Modul12 (run) | running... | 1:1 | INS

9:54 30/12/2019

```

import javax.swing.JLabel;
import javax.swing.JPanel;
import javax.swing.JPasswordField;
import javax.swing.JTextField;

/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */

/**
 *
 * @author Win 8.1
 */
public class DemoTextfield {
    public static void main(String[] args){
        Utama u = new Utama();
        JLabel nama = new JLabel("Nama :");
        JLabel password = new JLabel("Password :");
        JTextField inputNama = new JTextField(15);
        JPasswordField inputpsw = new JPasswordField(15);
        JPanel panel = new JPanel();
        panel.add(nama);
        panel.add(inputNama);
        panel.add(password);
        panel.add(inputpsw);
        u.add(panel);
    }
}

```

Modul12 - NetBeans IDE 8.0.2

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

Search (Ctrl+F)

Projects x Files Services

Belajar Modul12

Source Packages

- Latihan
 - DemoLabel.java
 - DemoRadioButton.java
 - DemoTextField.java
 - FrameA.java
 - FrameB.java
 - Utama.java
 - dora.png
 - tukul.png
- Tugas
 - Test Packages
 - Libraries
 - Test Libraries

Navigator x

Members <empty>

DemoTextField

main(String[] args)

Output

Modul12 (run) x Modul12 (run) #2 x

run:

Output

Modul12 (run) #2 | running... | (1 more...) | 1:1 | INS

9:55 30/12/2019

```

import javax.swing.JLabel;
import javax.swing.JPanel;
import javax.swing.JPasswordField;
import javax.swing.JTextField;

/*
 * To change this license header, choose License Headers in Project Properties.
 * To change this template file, choose Tools | Templates
 * and open the template in the editor.
 */

/**
 * @author Win 8.1
 */
public class DemoTextField {
    public static void main(String[] args){
        Utama u = new Utama();
        JLabel nama = new JLabel("Nama :");
        JLabel password = new JLabel("Password :");
        JTextField inputNama = new JTextField(15);

```

Modul12 (run) - Belajar mengenal GUI

Nama:

Password:

Modul12 - NetBeans IDE 8.0.2

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

Search (Ctrl+F)

Projects x Files Services

Belajar Modul12

Source Packages

- Latihan
 - DemoLabel.java
 - DemoRadioButton.java
 - DemoTextField.java
 - FrameA.java
 - FrameB.java
 - Utama.java
 - dora.png
 - tukul.png
- Tugas
 - Tugas1.java
 - menu.java
 - Test Packages

Navigator x

Members <empty>

Tugas1 :: JFrame

Tugas1()

main(String[] args)

Output

Modul12 (run) | running... | 1:1 | INS

9:55 30/12/2019

```

public class Tugas1 extends javax.swing.JFrame{
    public Tugas1(){
        super("Tugas 1");
        setSize(600, 150);
        setDefaultCloseOperation(EXIT_ON_CLOSE);
        setVisible(true);
        setLocationRelativeTo(null);
    }
    public static void main(String[] args){
        Tugas1 t1 = new Tugas1();
        String A[] = {"Sangat Tidak Setuju","Tidak Setuju","Kurang Setuju","Setuju","Sangat Setuju"};
        JComboBox combo = new JComboBox(A);
        JPanel panel = new JPanel();
        JLabel Persyaratan = new JLabel("Modul Praktikum Pemrograman Berorientasi Objek jelas dan mudah");
        panel.add(Persyaratan);
        panel.add(combo);
        t1.add(panel);
        t1.setVisible(true);
    }
}

```

Tugas 1

Sangat Tidak Setuju

Tidak Setuju

Kurang Setuju

Setuju

Sangat Setuju

Modul12 - NetBeans IDE 8.0.2

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

Search (Ctrl+F)

Projects x Files Services

Belajar Modul12

Source Packages

- Latihan
 - DemoLabel.java
 - DemoRadioButton.java
 - DemoTextField.java
 - FrameA.java
 - FrameB.java
 - Utama.java
 - dora.png
 - tukul.png
- Tugas
 - Tugas1.java
 - menu.java
- Test Packages

Navigator x

Members <empty>

Tugas1 :: JFrame

- Tugas1()
- main(String[] args)

Output Modul12 (run) x Modul12 (run) #2 x

run:

Output Modul12 (run) #2 9:55 30/12/2019

Modul12 - NetBeans IDE 8.0.2

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

Search (Ctrl+F)

Projects x Files Services

Belajar Modul12

Source Packages

- Latihan
 - DemoLabel.java
 - DemoRadioButton.java
 - DemoTextField.java
 - FrameA.java
 - FrameB.java
 - Utama.java
 - dora.png
 - tukul.png
- Tugas
 - Tugas1.java
 - menu.java
- Test Packages

Navigator x

Members <empty>

menu :: JFrame

- menu()
- initComponents()
- MenuItem1ActionPerformed(ActionEvent evt)
- MenuItem2ActionPerformed(ActionEvent evt)
- MenuItem3ActionPerformed(ActionEvent evt)
- main(String[] args)

Output Modul12 (run) #2 running... 9:55 30/12/2019

```

7 import javax.swing.JComboBox;
8 import javax.swing.JLabel;
9 import javax.swing.JPanel;
10
11 /**
12  * @author Win 8.1
13 */
14
15 public class Tugas1 {
16     public static void main(String[] args) {
17         Tugas1 t1 = new Tugas1();
18         String A[] = {"Sangat Tidak Setuju", "Tidak Setuju", "Kurang Setuju", "Setuju", "Sangat Setuju"};
19         JComboBox combo = new JComboBox(A);
20         JPanel panel = new JPanel();
21         panel.add(combo);
22         panel.setVisible(true);
23     }
24 }
25
26 /**
27  * This method is called from within the constructor to initialize the form.
28  * WARNING: Do NOT modify this code. The content of this method is always
29  * regenerated by the Form Editor.
30  */
31 @SuppressWarnings("unchecked")
32 Generated Code
33
34 private void jMenuItem1ActionPerformed(java.awt.event.ActionEvent evt) {
35     jPanel1.setBackground(Color.red);
36 }
37
38 private void jMenuItem2ActionPerformed(java.awt.event.ActionEvent evt) {
39     jPanel1.setBackground(Color.yellow);
40 }
41
42 private void jMenuItem3ActionPerformed(java.awt.event.ActionEvent evt) {
43     jPanel1.setBackground(Color.green);
44 }
45
46 /**
47  * @param args the command line arguments
48  */
49 public static void main(String args[]) {
50     /* Set the Nimbus look and feel */
51     /* Look and feel setting code (optional)
52     */
53 }
54
55 
```

