

Tugas Akhir PBO

Nama : Tomy Satmoko aji

NIM : L200180057

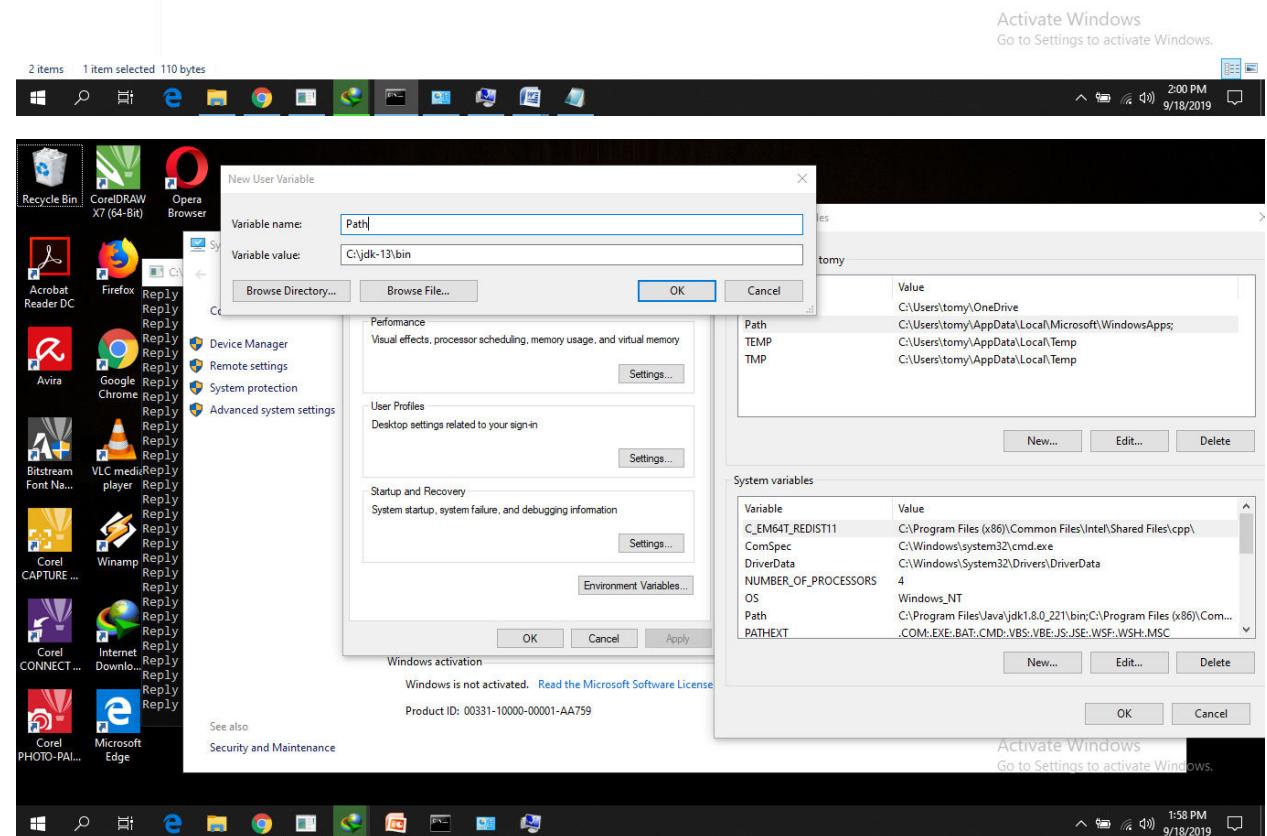
Kelas : B

ModulKe-1

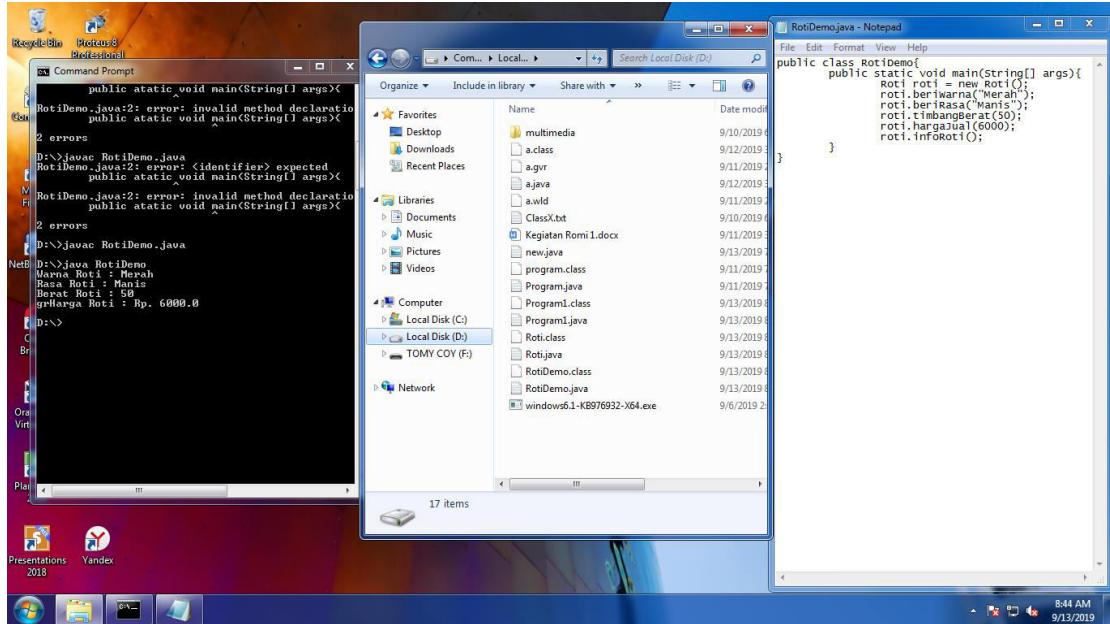
A screenshot of a Windows desktop environment. In the foreground, there is a 'Command Prompt' window titled 'Microsoft Windows [Version 10.0.18362.356]'. It shows the command-line interface with the following text:
C:\Users\tomy>e:
E:>javac Program.java
E:>java Program
Hello World
E:>
In the background, there is a 'Notepad' window titled 'Program.java - Notepad' containing the following Java code:

```
public class Program {  
    public static void main(String[] args) {  
        System.out.println("Hello World");  
    }  
}
```

The desktop taskbar at the bottom shows various application icons.



ModulKe-2



ModulKe-3

Latihan 1.

The screenshot shows a Sublime Text interface with multiple tabs open. The active tab is "LocalVariable.java". The code contains a class named "LocalVariable" with methods "hitungUsia()", "beratBadan()", and a main method. The code is as follows:

```
public class LocalVariable{
    public void hitungUsia() {
        int tahunSekarang = 2019;
        int tahunLahir = 1997;
        int usia = 0;
        usia = tahunSekarang - tahunLahir;
        System.out.println("Usia Saya : " + usia);
    }
    public void beratBadan(){
        int berat = 0;
        int beratLahir = 3;
        berat = beratLahir + (usia/2);
        System.out.println("Berat badan saya : " + berat + "Kg");
    }
    public static void main(String[] args){
        LocalVariable usia = new LocalVariable();
        usia.hitungusia();
        usia.beratBadan();
    }
}
```

To the right of the Sublime Text window, there is a Command Prompt window showing the output of running the Java compiler on the "LocalVariable.java" file. The errors are:

```
E:\>javac LocalVariable.java
LocalVariable.java:17: error: cannot find symbol
        usia.hitungusia();
                  ^
symbol:   method hitungusia()
location: variable usia of type LocalVariable
2 errors

E:\>javac LocalVariable.java
LocalVariable.java:17: error: cannot find symbol
        usia.hitungusia();
                  ^
symbol:   method hitungusia()
location: variable usia of type LocalVariable
1 error

E:\>javac LocalVariable.java
LocalVariable.java:13: error: cannot find symbol
        berat = beratLahir + (usia/2);
                           ^
symbol:   variable usia
location: class LocalVariable
LocalVariable.java:18: error: cannot find symbol
        usia.hitungusia();
                  ^
symbol:   method hitungusia()
location: variable usia of type LocalVariable
2 errors
```

At the bottom right of the Command Prompt window, there is a message: "Activate Windows Go to Settings to activate Windows."

Tidak bias berjalan karena Local Variable hanya dapat digunakan pada method tersebut saja.

Latihan 2.

The screenshot shows a Sublime Text interface with several tabs open. The active tab is 'LocalVariable.java' which contains the following Java code:

```
public class LocalVariable{
    int usia = 0;
    public void hitungUsia() {
        int tahunSekarang = 2019;
        int tahunLahir = 1997;
        usia = tahunSekarang - tahunLahir;
        System.out.println("Usia Saya : " + usia);
    }
    public void beratBadan(){
        int berat = 0;
        int beratLahir = 3;
        berat = beratLahir + (usia/2);
        System.out.println("Berat badan saya : " + berat + "Kg");
    }
    public static void main(String[] args){
        LocalVariable usia = new LocalVariable();
        usia.hitungUsia();
        usia.beratBadan();
    }
}
```

To the right of the editor is a terminal window titled 'Command Prompt' showing the output of the Java compiler (javac) and the Java runtime (java). The terminal output is as follows:

```
E:\>javac LocalVariable.java
LocalVariable.java:13: error: cannot find symbol
    berat = beratLahir + (usia/2);
                           ^
      symbol:   variable usia
      location: class LocalVariable
LocalVariable.java:18: error: cannot find symbol
        usia.hitungusia();
                           ^
      symbol:   method hitungusia()
      location: variable usia of type LocalVariable
2 errors

E:\>javac LocalVariable.java
LocalVariable.java:17: error: cannot find symbol
        usia.hitungusia();
                           ^
      symbol:   method hitungusia()
      location: variable usia of type LocalVariable
1 error

E:\>java LocalVariable
Usia Saya : 22
Berat badan saya : 14Kg

E:\>
```

The status bar at the bottom of the screen indicates 'Line 17, Column 21' and shows the Windows taskbar with various icons.

Latihan 3.

The screenshot shows two instances of Sublime Text running on a Windows desktop. Both instances have the same file structure:

- LocalVariable.java
- Pegawai.java
- DemoPegawai.java
- NilaiJava

The Pegawai.java file contains the following Java code:

```
public class Pegawai{    String nama;    int nip;    double gaji;    public String setNama(String nama){        return this.nama = nama;    }    public int setNip(int nip){        return this.nip = nip;    }    public double SetGaji(double gaji){        return this.gaji = gaji;    }    public static void main(String[] args){        Pegawai haha1 = new Pegawai();        Pegawai haha2 = new Pegawai();        Pegawai haha3 = new Pegawai();        Pegawai haha4 = new Pegawai();        Pegawai haha5 = new Pegawai();        haha1.setNama("Aku");        haha1.setNip(666666);        haha1.SetGaji(400000);        haha1.cetakPegawai();        haha2.setNama("Kamu");        haha2.setNip(666766);        haha2.SetGaji(800000);        haha2.cetakPegawai();        haha3.setNama("Dia");        haha3.setNip(466666);    }}
```

The command prompt window shows the following errors and output:

```
E:\>javac Pegawai.java
E:\>java Pegawai
Nama Pegawai : Aku
NIP Pegawai : 666666
Gaji Pegawai : 400000.0

Nama Pegawai : Kamu
NIP Pegawai : 666766
Gaji Pegawai : 800000.0

Nama Pegawai : Dia
NIP Pegawai : 466666
Gaji Pegawai : 300000.0

Nama Pegawai : Gbtan
NIP Pegawai : 446666
Gaji Pegawai : 7800000.0

Nama Pegawai : Mumet
NIP Pegawai : 689666
Gaji Pegawai : 470000.0

E:\>
```

The second instance of Sublime Text shows the same code with some changes in lines 34-56:

```
haha3.setNama("Dia");
haha3.setNip(466666);
haha3.SetGaji(300000);
haha3.cetakPegawai();

haha4.setNama("Gbtan");
haha4.setNip(446666);
haha4.SetGaji(7800000);
haha4.cetakPegawai();

haha5.setNama("Mumet");
haha5.setNip(689666);
haha5.SetGaji(470000);
haha5.cetakPegawai();

void cetakPegawai(){
    System.out.println(
        "Name Pegawai : " + nama + "\n" +
        "NIP Pegawai : " + nip + "\n" +
        "Gaji Pegawai : " + gaji + "\n"
    );
}
```

The command prompt output for this instance is identical to the first one, showing errors and the resulting output for each employee.

Pekerjaan rumah 1.

The screenshot shows the Sublime Text interface with three tabs open: LocalVariable.java, Pegawaijava, and Nilaijava. The Nilaijava tab contains the following Java code:

```
1 public class Nilai{
2     int nilaiUTS;
3     int nilaiUAS;
4     int nilaiTugas;
5     int nilaiTotal;
6
7     public int setUTS(int nilaiUTS){
8         return this.nilaiUTS = nilaiUTS;
9     }
10    public int setUAS(int nilaiUAS){
11        return this.nilaiUAS = nilaiUAS;
12    }
13    public int setTugas(int nilaiTugas){
14        return this.nilaiTugas = nilaiTugas;
15    }
16    public void info(){
17        System.out.println("Nilai UTS : " + this.setUTS(90));
18        System.out.println("Nilai UAS : " + this.setUAS(100));
19        System.out.println("Nilai Tugas : " + this.setTugas(100));
20    }
21    public static void main(String[] args){
22        Nilai anjay = new Nilai();
23        anjay.info();
24    }
25 }
```

To the right of the editor is a terminal window titled 'Command Prompt' showing the output of the Java compiler (javac) and interpreter (java). The terminal output is as follows:

```
E:\>javac Nilai.java
E:\>java Nilai
Nilai UTS : 90.0
Nilai UAS : 100.0
Nilai Tugas : 100.0
Nilai Total : 96.66666666666667

E:\>javac Nilai.java
Nilai.java:8: error: incompatible types: possible lossy conversion from
        return this.nilaiUTS = nilaiUTS;
                           ^
Nilai.java:11: error: incompatible types: possible lossy conversion from
        return this.nilaiUAS = nilaiUAS;
                           ^
Nilai.java:14: error: incompatible types: possible lossy conversion from
        return this.nilaiTugas = nilaiTugas;
                           ^
3 errors

E:\>javac Nilai.java
E:\>java Nilai
Nilai UTS : 90
Nilai UAS : 100
Nilai Tugas : 100
```

The status bar at the bottom indicates 'Activate Windows' and the date '10/4/2019'.

Pekerjaan rumah 2.

The screenshot shows the Sublime Text interface with three tabs open: LocalVariable.java, Pegawaijava, and Nilaijava. The Nilaijava tab contains the following Java code:

```
1 public class Nilai{
2     double nilaiUTS;
3     double nilaiUAS;
4     double nilaiTugas;
5     double nilaiTotal;
6
7     public double setUTS(double nilaiUTS){
8         return this.nilaiUTS = nilaiUTS;
9     }
10    public double setUAS(double nilaiUAS){
11        return this.nilaiUAS = nilaiUAS;
12    }
13    public double setTugas(double nilaiTugas){
14        return this.nilaiTugas = nilaiTugas;
15    }
16    public void info(){
17        System.out.println("Nilai UTS : " + this.setUTS(90));
18        System.out.println("Nilai UAS : " + this.setUAS(100));
19        System.out.println("Nilai Tugas : " + this.setTugas(100));
20    }
21    public void hitung(){
22        double nilaiTotas;
23        nilaiTotal = (nilaiUTS + nilaiUAS + nilaiTugas)/3;
24        System.out.println("Nilai Total : " + nilaiTotal);
25    }
26    public static void main(String[] args){
27        Nilai anjay = new Nilai();
28        anjay.info();
29        anjay.hitung();
30    }
31 }
```

To the right of the editor is a terminal window titled 'Command Prompt' showing the output of the Java compiler (javac) and interpreter (java). The terminal output is as follows:

```
E:\>javac Nilai.java
Nilai.java:1: error: class, interface, or enum expected
Public class Nilai{
^
1 error

E:\>javac Nilai.java
Nilai.java:1: error: class, interface, or enum expected
Public class Nilai{
^
1 error

E:\>javac Nilai.java
Nilai.java:8: error: cannot find symbol
        return this.setUTS = milaiUTS;
                           ^
      symbol: variable setUTS
1 error

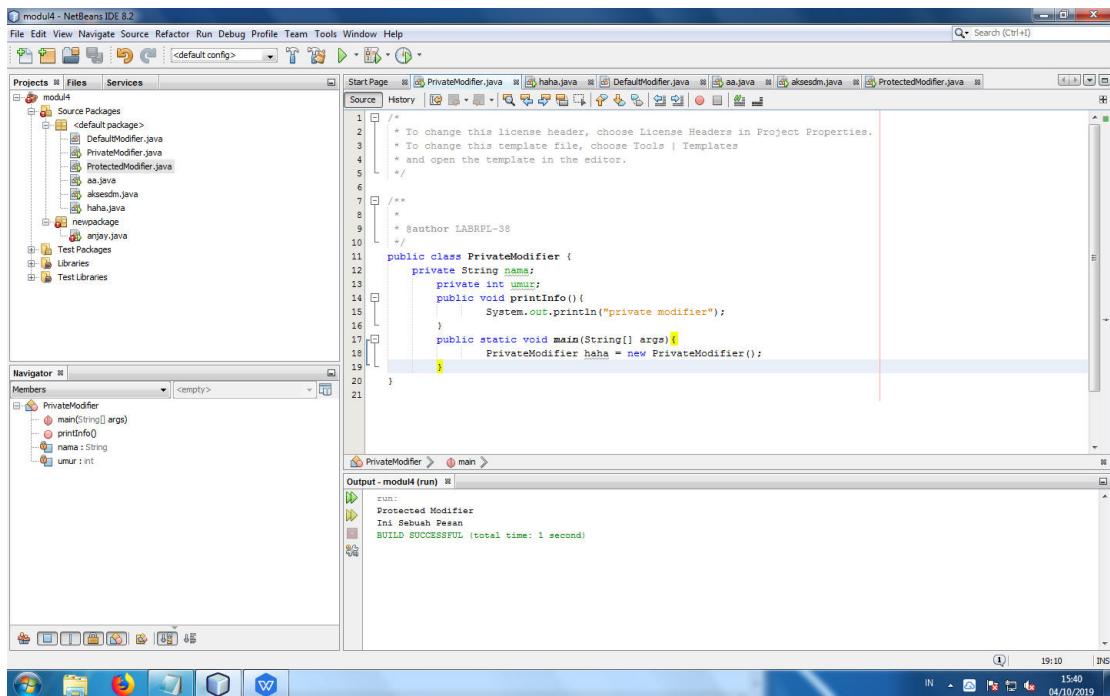
E:\>javac Nilai.java
E:\>java Nilai
Nilai UTS : 90.0
Nilai UAS : 100.0
Nilai Tugas : 100.0
Nilai Total : 96.66666666666667

E:\>
```

The status bar at the bottom indicates 'Activate Windows' and the date '10/4/2019'.

ModulKe-4

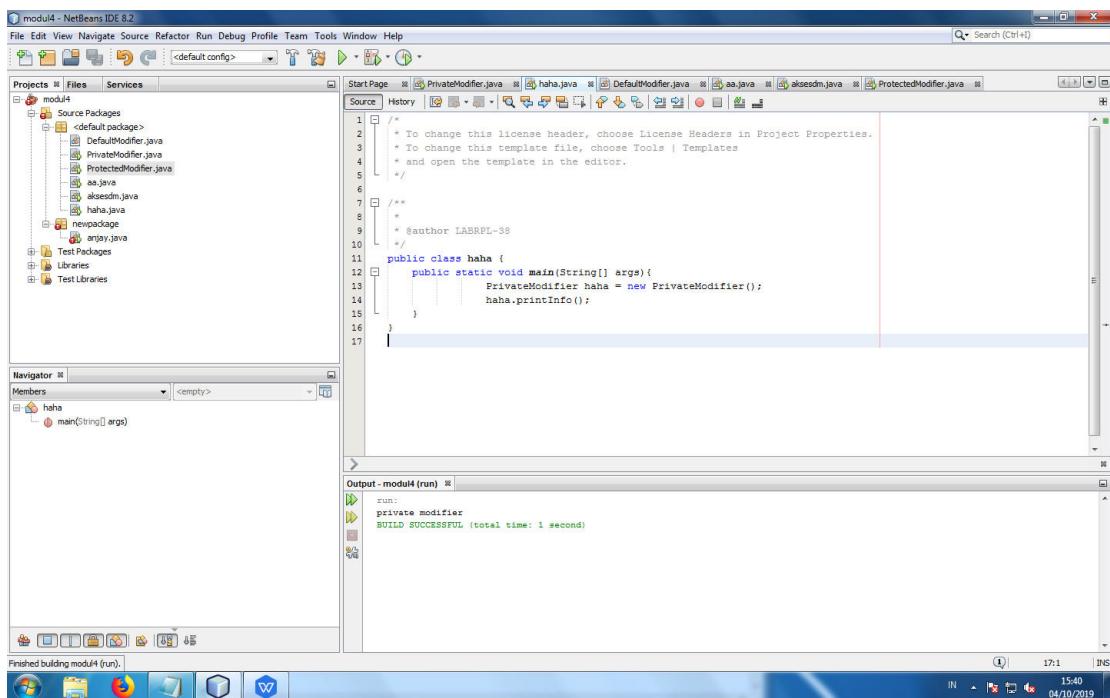
Latihan 1.



```
/* 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 LABRPL-38
 */
public class PrivateModifier {
    private String name;
    private int umur;
    public void printInfo(){
        System.out.println("private modifier");
    }
    public static void main(String[] args) {
        PrivateModifier haha = new PrivateModifier();
        haha.printInfo();
    }
}
```

Output - modul4 (run) :

```
run:
Protected Modifier
Ini Sebuah Pesan
BUILD SUCCESSFUL (total time: 1 second)
```



```
/* 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 LABRPL-38
 */
public class haha {
    public static void main(String[] args) {
        PrivateModifier haha = new PrivateModifier();
        haha.printInfo();
    }
}
```

Output - modul4 (run) :

```
run:
private modifier
BUILD SUCCESSFUL (total time: 1 second)
```

Private modifier hanya dapat diakses dari dalam class itu sendiri

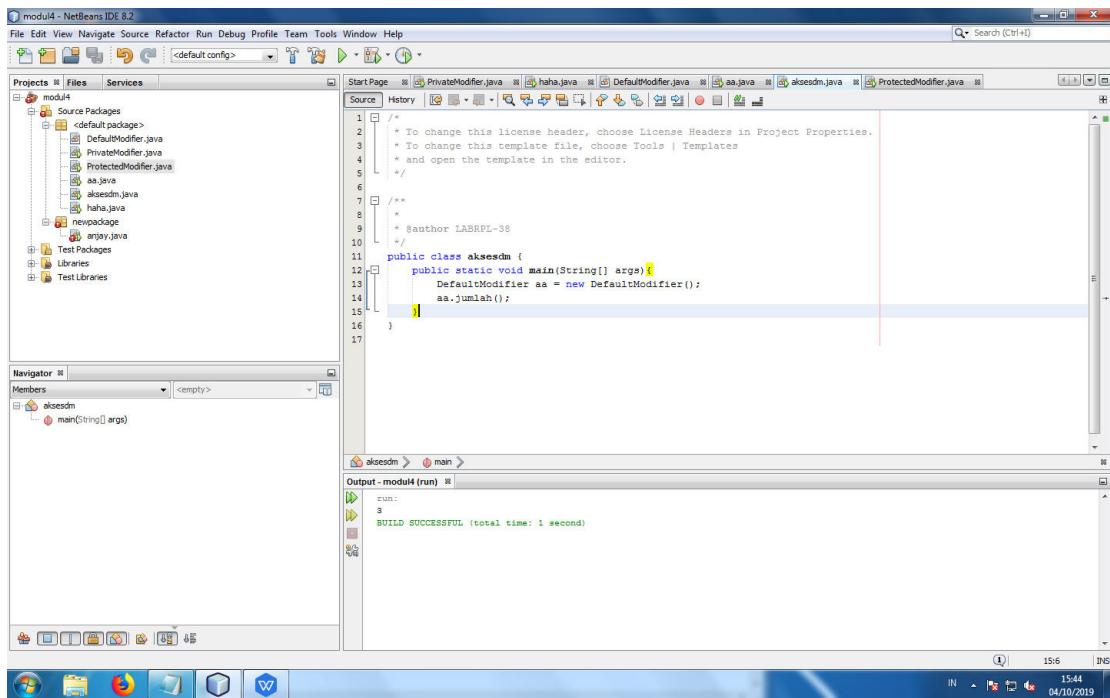
Latihan2.

The screenshot shows the NetBeans IDE 8.2 interface with the project 'modu4' open. The 'Source Packages' node contains a 'Default package' folder with several files: DefaultModifier.java, PrivateModifier.java, ProtectedModifier.java, aa.java, aksesdm.java, and haha.java. The 'Test Packages' and 'Libraries' nodes are also visible. The 'main - Navigator' pane shows the members of the 'DefaultModifier' class, including the constructor 'jumlah()', a field 'a: int', and a method 'aa()'. The 'Start Page' tab is selected, displaying the source code of the 'DefaultModifier.java' file. The code defines a class 'DefaultModifier' with a constructor 'jumlah()' that adds two integers 'a' and 'b' and prints the result. A main method calls this constructor. The 'Output' tab shows a successful build message: 'BUILD SUCCESSFUL (total time: 1 second)'. The system tray at the bottom indicates the date as 04/10/2019 and the time as 15:42.

```
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 LABRPL-38
10 */
11 public class DefaultModifier {
12     int a = 1;
13     int b = 2;
14     int c;
15     void jumlah() {
16         c = a + b;
17         System.out.println(c);
18     }
19     public static void main(String[] args) {
20         DefaultModifier aa = new DefaultModifier();
21         aa.jumlah();
22     }
23 }
```

The screenshot shows the NetBeans IDE 8.2 interface with the project 'modu4' open. The 'Source Packages' node contains a 'Default package' folder with several files: DefaultModifier.java, PrivateModifier.java, ProtectedModifier.java, aa.java, aksesdm.java, and haha.java. The 'Test Packages' and 'Libraries' nodes are also visible. The 'aa - Navigator' pane shows the members of the 'aa' class, including the constructor 'main(String[] args)'. The 'Start Page' tab is selected, displaying the source code of the 'aa.java' file. The code defines a class 'aa' with a static main method that creates an instance of 'DefaultModifier' and calls its 'jumlah()' method. The 'Output' tab shows a successful build message: 'BUILD SUCCESSFUL (total time: 1 second)'. The system tray at the bottom indicates the date as 04/10/2019 and the time as 16:21.

```
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 LABRPL-38
10 */
11 public class aa {
12     public static void main(String[] args) {
13         DefaultModifier aa = new DefaultModifier();
14         aa.jumlah();
15     }
16 }
```



modul4 - NetBeans IDE 8.2

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

Projects Files Services

modul4

Source Packages

<default package>

- DefaultModifier.java
- PrivateModifier.java
- ProtectedModifier.java
- aa.java
- aksesdm.java
- haha.java
- newpackage
- anjay.java

Test Packages

Libraries

Test Libraries

Navigator Members

aksesdm

- main(String[] args)

Source History

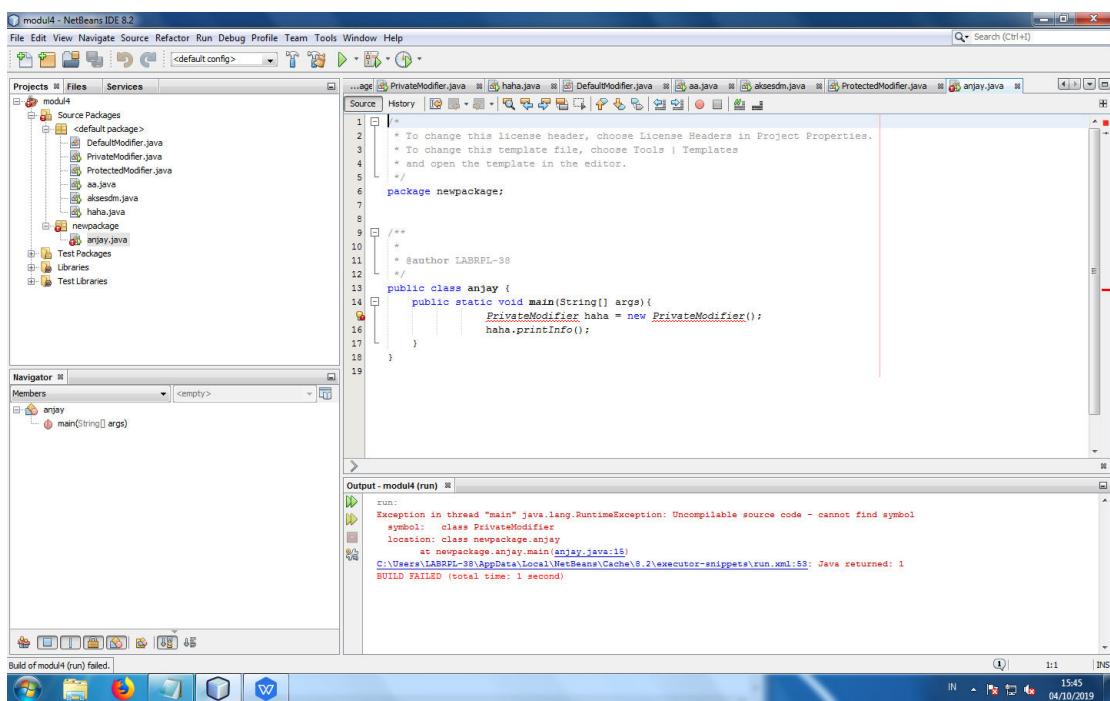
```
1  /*
2  * To change this license header, choose License Headers in Project Properties.
3  * To change this template file, choose Tools | Templates
4  * and open the template in the editor.
5  */
6
7 /**
8 *
9 * @author LABRPL-38
10 */
11 public class aksesdm {
12     public static void main(String[] args) {
13         DefaultModifier aa = new DefaultModifier();
14         aa.jumlah();
15     }
16 }
17
```

aksesdm > main >

Output - modul4 (run) *

```
run:
3
BUILD SUCCESSFUL (total time: 1 second)
```

IN 18:6 15:44 04/10/2019



modul4 - NetBeans IDE 8.2

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

Projects Files Services

modul4

Source Packages

<default package>

- DefaultModifier.java
- PrivateModifier.java
- ProtectedModifier.java
- aa.java
- aksesdm.java
- haha.java
- newpackage
- anjay.java

Test Packages

Libraries

Test Libraries

Navigator Members

anjay

- main(String[] args)

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 newpackage;
7
8 /**
9 *
10 * @author LABRPL-38
11 */
12
13 public class anjay {
14     public static void main(String[] args) {
15         PrivateModifier haha = new PrivateModifier();
16         haha.printInfo();
17     }
18 }
```

Output - modul4 (run) *

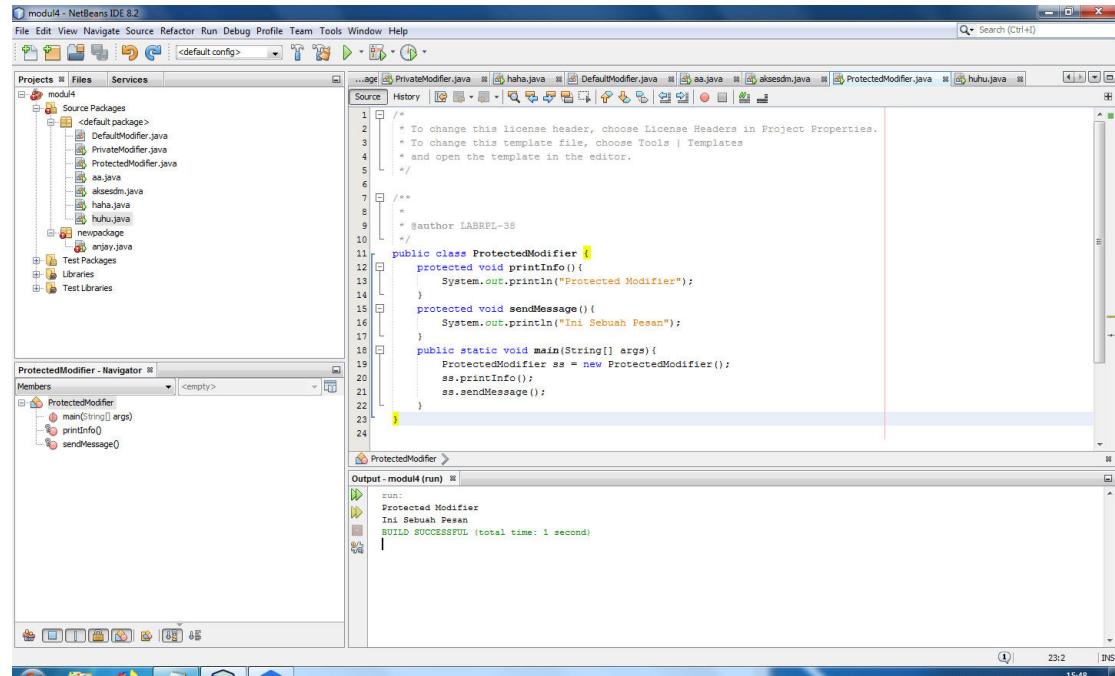
```
run:
Exception in thread "main" java.lang.RuntimeException: Uncompilable source code - cannot find symbol
    symbol:   class PrivateModifier
    location: class newpackage.anjay
        at newpackage.anjay.main(anjay.java:15)
C:\Users\LABRPL-38\AppData\Local\NetBeans\Cache\8.2\executor-snippets\run.xml:53: Java returned: 1
BUILD FAILED (total time: 1 second)
```

Build of modul4 (run) failed.

IN 1:1 15:45 04/10/2019

Tidak dapat dia akses karena berada pad apackage yang berbeda

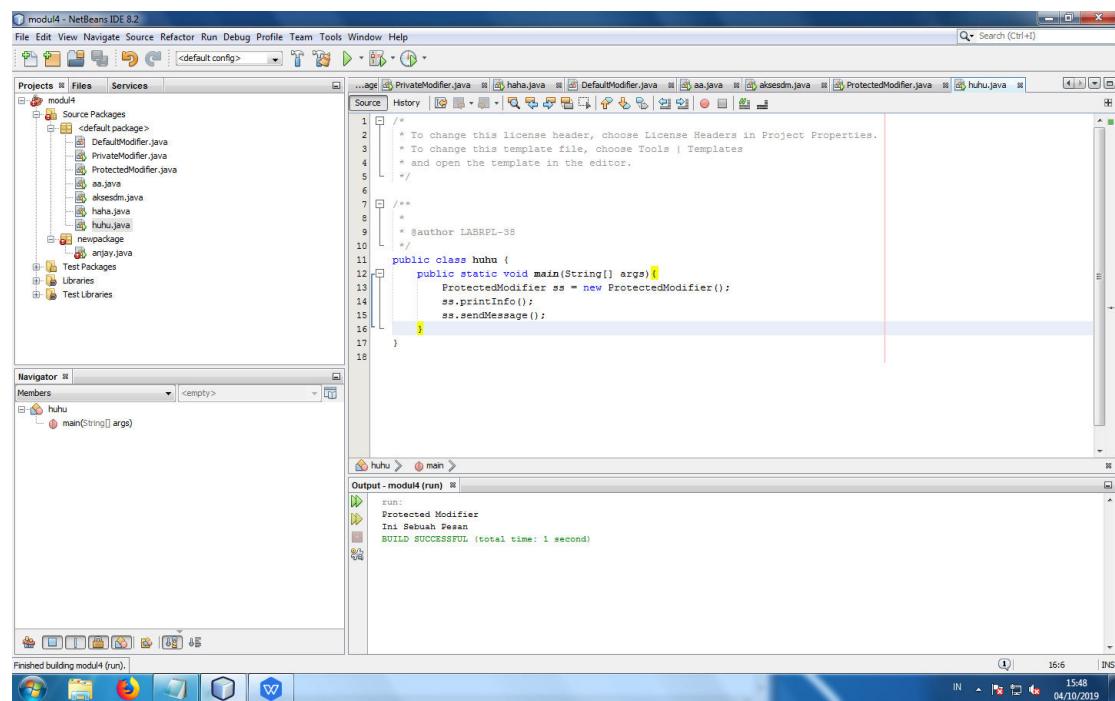
Latihan 3.



```
modul4 - NetBeans IDE 8.2
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
Source History <default config> Projects Files Services
modul4
  Source Packages
    <default package>
      DefaultModifier.java
      PrivateModifier.java
      ProtectedModifier.java
      aa.java
      aksesdm.java
      haha.java
      huu.java
    newpackage
      arjya.java
  Test Packages
  Libraries
  Test Libraries

ProtectedModifier - Navigator
Members <empty>
  ProtectedModifier
    main(String[])
    printInfo()
    sendMessage()

ProtectedModifier >
Output - modul4 (run) *
run:
  run:
    Protected Modifier
    Ini Sebuah Pesan
  BUILD SUCCESSFUL (total time: 1 second)
|
```

```
modul4 - NetBeans IDE 8.2
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
Source History <default config> Projects Files Services
modul4
  Source Packages
    <default package>
      DefaultModifier.java
      PrivateModifier.java
      ProtectedModifier.java
      aa.java
      aksesdm.java
      haha.java
      huu.java
    newpackage
      arjya.java
  Test Packages
  Libraries
  Test Libraries

Navigator
Members <empty>
  huu
    main(String[] args)

huu > main >
Output - modul4 (run) *
run:
  run:
    Protected Modifier
    Ini Sebuah Pesan
  BUILD SUCCESSFUL (total time: 1 second)
|
```

jika program dijalankan akan keluar output protected modifier

Latihan 4.

```
...java haha.java DefaultModifier.java aa.java aksesdm.java ProtectedModifier.java huu.java publicModifier.java
Source History system.out.println("Hasil tambah = " + aj);
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 rataRata(){
32        int H = (a + b + c)/3;
33        System.out.println("Hasil Kali = " + H);
34    }
35    public static void main(String[] args){
36        publicModifier haha = new publicModifier();
37        haha.tambah();
38        haha.kurang();
39        haha.bagi();
40        haha.rataRata();
41    }
}
publicModifier > main >
Output: modu4(run) >
run:
Hasil Tambah = 16
Hasil Kurang = -12
Hasil Bagi = 0
Hasil kali = 8
BUILD SUCCESSFUL (total time: 1 second)

```

ModulKe-5

```
Modul5 - NetBeans IDE 8.2
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
Source History system.out.println("Hasil tambah = " + aj);
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 rataRata(){
32        int H = (a + b + c)/3;
33        System.out.println("Hasil Kali = " + H);
34    }
35    public static void main(String[] args){
36        publicModifier haha = new publicModifier();
37        haha.tambah();
38        haha.kurang();
39        haha.bagi();
40        haha.rataRata();
41    }
}
publicModifier > main >
Output: modu4(run) >
run:
Hasil Tambah = 16
Hasil Kurang = -12
Hasil Bagi = 0
Hasil kali = 8
BUILD SUCCESSFUL (total time: 1 second)

```

Modul5 - NetBeans IDE 8.2

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

Projects Files Services

Start Page java.java JavaAccess.java Parameterized.java parameterizedAccess.java Buku.java BukuAccess.java

Source History

Constructor.javaAccess

```
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 Constructor;
6
7 /**
8 * @author LABRPL-36
9 */
10 public class javaAccess {
11     public static void main (String[] args){
12         java jaja = new java();
13     }
14 }
15
16
17 }
```

Navigator Members

JavaAccess main(String[] args)

Output - Modul5 (run) :

```
Rama Pengarang : Upin
Judul Buku : Hettters
Tahun Terbit : 2019
Cetakan Ke : 29
Harga Jual : 45000.0

Nama Pengarang : Apin
Judul Buku : Hettters
Tahun Terbit : 2019
Cetakan Ke : 29
```

AVG Protects against viruses, spyware & ransomware DOWNLOAD ★★★★★

Modul5 - NetBeans IDE 8.2

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

Projects Files Services

Start Page java.java JavaAccess.java Parameterized.java parameterizedAccess.java Buku.java BukuAccess.java

Source History

BukuAccess.java

```
1 * @author LABRPL-36
2 */
3 public class Parameterized {
4     String nama, nim;
5     int semester;
6
7     public Parameterized(String nama, int semester, String nim){
8         this.nama = nama;
9         this.semester = semester;
10        this.nim = nim;
11    }
12    public void info(){
13        System.out.println("Nama : " + nama + "\n" +
14                           "Nim : " + nim + "\n" +
15                           "Semester : " + semester);
16    }
17 }
18
19 }
```

Navigator Members

Parameterized info() nama : String nim : String semester : int

Output - Modul5 (run) :

```
Rama Pengarang : Upin
Judul Buku : Hettters
Tahun Terbit : 2019
Cetakan Ke : 29
Harga Jual : 45000.0

Nama Pengarang : Apin
Judul Buku : Hettters
Tahun Terbit : 2019
Cetakan Ke : 29
```

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Modul5 - NetBeans IDE 8.2

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

Projects Files Services Start Page java.java javaAccess.java Parameterized.java parameterizedAccess.java Buku.java BukuAccess.java

Source History Search (Ctrl+F)

Modul5

Source Packages

- Constructor
 - Buku.java
 - BukuAccess.java
 - Parameterized.java
 - java.java
 - javaAccess.java
 - parameterizedAccess.java
- modul5
- Test Packages
- Libraries
- Test Libraries

Navigator Members

parameterizedAccess

main(String[] args)

Constructor.parameterizedAccess > main > ac

Output - Modul5 (run) :

```

Nama Pengarang : Upin
Judul Buku : Hatters
Tahun Terbit : 2019
Cetakan Ke : 29
Harga Jual : 45000.0

Nama Pengarang : Apin
Judul Buku : Hatters
Tahun Terbit : 2019
Cetakan Ke : 29
  
```

AVG Protects against viruses, spyware & ransomware DOWNLOAD ★★★★★

Modul5 - NetBeans IDE 8.2

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

Projects Files Services Start Page java.java javaAccess.java Parameterized.java parameterizedAccess.java Buku.java BukuAccess.java

Source History Search (Ctrl+F)

Modul5

Source Packages

- Constructor
 - Buku.java
 - BukuAccess.java
 - Parameterized.java
 - java.java
 - javaAccess.java
 - parameterizedAccess.java
- modul5
- Test Packages
- Libraries
- Test Libraries

Navigator Members

Buku

Buku(String namapengarang, String judulbuku, int tahunterbit, int cetakanke, double hargajual, String namapengarang)

Buku.java

Buku(String namapengarang, String judulbuku, int tahunterbit, int cetakanke, double hargajual)

Constructor.Buku >

Output - Modul5 (run) :

```

run:
Nama Pengarang : Upin
Judul Buku : Hatters
Tahun Terbit : 2019
Cetakan Ke : 29
Harga Jual : 45000.0

Nama Pengarang : Apin
Judul Buku : Hatters
Tahun Terbit : 2019
Cetakan Ke : 29
  
```

AVG Protects against viruses, spyware & ransomware DOWNLOAD ★★★★★

Installing device driver software Click here for status.

Modul5 - NetBeans IDE 8.2

```

18     this.namapengarang = namapengarang;
19     this.judulbuku = judulbuku;
20     this.tahunterbit = tahunterbit;
21     this.cetakanke = cetakanke;
22     this.hargajual = hargajual;
23 }
24
25
26 public void main () {
27     System.out.println("Nama Pengarang : " + namapengarang + "\n" +
28                         "Judul Buku : " + judulbuku + "\n" +
29                         "Tahun Terbit : " + tahunterbit + "\n" +
30                         "Cetakan Ke : " + cetakanke + "\n" +
31                         "Harga Jual : " + hargajual + "\n");
32 }
33
34

```

Buku

- Buku(namapengarang, String judulbuku, int tahunterbit, int cetakanke, int hargajual)
- cetakanke : int
- hargajual : double
- judulbuku : String
- namapengarang : String
- tahunterbit : int

Constructor.Buku >

Output - Modul5 (run) :

```

Nama Pengarang : Upin
Judul Buku : Heters
Tahun Terbit : 2019
Cetakan Ke : 29
Harga Jual : 45000.0

Nama Pengarang : Apin
Judul Buku : Heters
Tahun Terbit : 2019
Cetakan Ke : 29

```

AVG Protects against viruses, spyware & ransomware DOWNLOAD ★★★★★ Your device is ready to FREE AntiVirus Device driver software installed successfully.

Modul5 - NetBeans IDE 8.2

```

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 Constructor;
7
8 /**
9  *
10 * @author LABRPL-36
11 */
12 public class BukuAcces {
13
14     public static void main(String[] args){
15         Buku a = new Buku("Upin ", "Heters", 2019, 29, 45000);
16         Buku b = new Buku("Apin ", "Rha", 2019, 29, 45000);
17         Buku c = new Buku("Ipin ", "Salan", 2019, 29, 45000);
18         Buku d = new Buku("Epin ", "Heters", 2019, 29, 45000);
19         Buku e = new Buku("Aje ", "Heters", 2019, 29, 45000);
20         Buku f = new Buku("Eje ", "Heters", 2019, 29, 45000);
21         Buku g = new Buku("Mamat ", "Heters", 2019, 29, 45000);
22         Buku h = new Buku("Mantri ", "Heters", 2019, 29, 45000);
23         Buku i = new Buku("Evi ", "Heters", 2019, 29, 45000);
24         Buku j = new Buku("Arif ", "Heters", 2019, 29, 45000);
25
26         a.main();
27         b.main();
28         c.main();
29     }
30 }

```

BukuAcces

- main(String[] args)

Constructor.BukuAcces > main > d >

Output - Modul5 (run) :

```

run:
Nama Pengarang : Upin
Judul Buku : Heters
Tahun Terbit : 2019
Cetakan Ke : 29
Harga Jual : 45000.0

Nama Pengarang : Apin
Judul Buku : Heters
Tahun Terbit : 2019
Cetakan Ke : 29

```

AVG Protects against viruses, spyware & ransomware DOWNLOAD ★★★★★ Your device is ready to FREE AntiVirus Device driver software installed successfully.

Modul5 - NetBeans IDE 8.2

```

16     Buku c = new Buku("Upin ", "Jalan", 2019, 29, 45000);
17     Buku d = new Buku("Epin ", "Hettters", 2019, 29, 45000);
18     Buku e = new Buku("Aja ", "Hettters", 2019, 29, 45000);
19     Buku f = new Buku("Eje ", "Hettters", 2019, 29, 45000);
20     Buku g = new Buku("Hamat ", "Hettters", 2019, 29, 45000);
21     Buku h = new Buku("Mantri ", "Hettters", 2019, 29, 45000);
22     Buku i = new Buku("Evi ", "Hettters", 2019, 29, 45000);
23     Buku j = new Buku("Arif ", "Hettters", 2019, 29, 45000);
24     a.main();
25     b.main();
26     c.main();
27     d.main();
28     e.main();
29     f.main();
30     g.main();
31     h.main();
32     i.main();
33     j.main();
34 }
35 }
36 }
37

```

Constructor.BukuAccess

Output - Modul5 (run)

```

Nama Pengarang : Upin
Judul Buku : Hettters
Tahun Terbit : 2019
Cetakan Ke : 29
Harga Jual : 45000.00

Nama Pengarang : Apin
Judul Buku : Hettters
Tahun Terbit : 2019
Cetakan Ke : 29

```

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FREE AntiVirus DOWNLOAD ★★★★★

IN 16:03 11/10/2019

ModulKe-6

Latihan

Inheritance - NetBeans IDE 8.0.2

```

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 tomy
11  */
12 public class Kendaraan {
13     String mesin = "Besi",
14         bahanBakar = "Fosil",
15         bagasi = "kosong",
16         info=" ";
17 }
18

```

Kendaraan.java

Output

18:1 9:07 AM 12/19/2019

Inheritance - NetBeans IDE 8.0.2

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

Search (Ctrl+F)

Projects Services Files

Kendaraan.java Mobil.java Pesawat.java main.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 tomy
11 */
12 public class Mobil {
13     String Merk = "Honda";
14
15     Kendaraan ken = new Kendaraan();
16     String info = ("Info kendaraan mobil"+'\n'
17                   +"Bahan Mesin :" +ken.mesin+'\n'
18                   +"Bahan Bakar :" +ken.bahanBakar+'\n'
19                   +"Ketersediaan Bagasi :" +ken.bagasi+'\n'
20                   +"Merk :" +Merk);
21 }
22

```

Output

22:1 9:09 AM 12/19/2019

Inheritance - NetBeans IDE 8.0.2

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

Search (Ctrl+F)

Projects Services Files

Kendaraan.java Mobil.java Pesawat.java main.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 tomy
11 */
12 public class Pesawat {
13     int jumlahSayap = 2;
14
15     Kendaraan ken = new Kendaraan();
16     String info = ("Info kendaraan pesawat"+'\n'
17                   +"Bahan Mesin :" +ken.mesin+'\n'
18                   +"Bahan Bakar :" +ken.bahanBakar+'\n'
19                   +"Ketersediaan Bagasi :" +ken.bagasi+'\n'
20                   +"Jumlah Sayap :" +jumlahSayap+'\n');
21 }
22

```

Output

22:1 9:09 AM 12/19/2019

Inheritance - NetBeans IDE 8.0.2

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

Projects Services Files

Source Packages

- Inheritance
 - tugas
 - Kendaraan.java
 - Mobil.java
 - Pesawat.java
 - main.java
 - tugaberinan
 - BangunDatar.java
 - Persegi.java
 - PersegiPanjang.java
 - main.java
 - segitigaSamakaki.java
 - segitigaSamaSisi.java
 - segitiga.java
- Test Packages
- Libraries
- Test Libraries
- kaer
- Lempu
- Logn1
- modul8
- Onder

Output - Inheritance (run)

```

Info kendaraan pesawat
Bahan Bakar :Bensin
Bahan Bakar :Bosil
Ketersediaan Bagasi :kosong
Jumlah Sayap :2

BUILD SUCCESSFUL (total time: 4 seconds)

```

Output

18:50 9:12 AM 12/19/2019

Tugas

Inheritance - NetBeans IDE 8.0.2

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

Projects Services Files

Source Packages

- TugasInheritance
 - BangunDatar.java
 - Persegi.java
 - PersegiPanjang.java
 - Segitiga.java
 - SegitigaSamaSisi.java
 - SegitigaSamakaki.java
 - segitiga.java
- tugas
 - Kendaraan.java
 - Mobil.java
 - Pesawat.java
 - main.java
- Test Packages

BangunDatar - Navigator

Members

- BangunDatar
 - hitungKell0 : double
 - hitungluas0 : double
 - Kel : double
 - Luas : double

Output

21:2 8:14 AM 12/29/2019

Inheritance - NetBeans IDE 8.0.2

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

Projects Services Files <default config> Search (Ctrl+F)

Source History BangunDatar.java Persegi.java PersegPanjang.java Segitiga.java SegitigaSamaSisi.java SegitigaSamaKaki.java

Projects > Inheritance > Source Packages > TugasInheritance > BangunDatar.java, Persegi.java, PersegPanjang.java, Segitiga.java, SegitigaSamaSisi.java, SegitigaSamaKaki.java

Members > Persegi :: BangunDatar > hitungKelling():double, hitungLuas():double, main(String[] args), sisi : double

Output - Inheritance (run) run: Luas Persegi : 9.0 Kelling Persegi : 12.0 BUILD SUCCESSFUL (total time: 2 seconds)

Output Output Finished building Inheritance (run). 2:1 8:14 AM 12/29/2019

Inheritance - NetBeans IDE 8.0.2

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

Projects Services Files <default config> Search (Ctrl+F)

Source History BangunDatar.java Persegi.java PersegPanjang.java Segitiga.java SegitigaSamaSisi.java SegitigaSamaKaki.java

Projects > Inheritance > Source Packages > TugasInheritance > BangunDatar.java, Persegi.java, PersegPanjang.java, Segitiga.java, SegitigaSamaSisi.java, SegitigaSamaKaki.java

Members > PersegPanjang :: BangunDatar > hitungKell():double, hitungLuas():double, main(String[] args), l : double

Output - Inheritance (run) run: Luas Persegi Panjang : 10.0 Kelling Persegi Panjang : 44.0 BUILD SUCCESSFUL (total time: 1 second)

Output Output Finished building Inheritance (run). 1:1 8:15 AM 12/29/2019

```

package TugasInheritance;
public class Persegi extends BangunDatar {
    protected double sisi;
    protected void hitungLuas(){
        super.Luas = sisi*sisi;
        System.out.println("Luas Persegi : " + Luas);
    }
    protected double hitungKelling(){
        super.Kell = (4*sisi);
        System.out.println("Kelling Persegi : " + Kell);
        return Kell;
    }
    public static void main(String[] args) {
        Persegi a = new Persegi();
        a.sisi=3;
        a.hitungLuas();
        double hitungKelling = a.hitungKelling();
    }
}

package TugasInheritance;
public class PersegPanjang extends BangunDatar{
    protected int p;
    protected double l;
    protected void hitungLuas(){
        super.Luas = p*l;
        System.out.println("Luas Persegi Panjang : " + l);
    }
    protected double hitungKell(){
        super.Kell = (p+l+l+l);
        System.out.println("Kelling Persegi Panjang : " + Kell);
        return Kell;
    }
    public static void main(String[] args) {
        PersegPanjang pp = new PersegPanjang();
        pp.p=12;
        pp.l=10;
        pp.hitungLuas();
        double hitungKell = pp.hitungKell();
    }
}

```

Inheritance - NetBeans IDE 8.0.2

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

Projects Services Files <default config> Search (Ctrl+F)

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

Projects x Services x Files x

Source Packages TugasInheritance BangunDatar.java Persegi.java PersegiPanjang.java Segitiga.java SegitigaSamaKaki.java SegitigaSamaSisi.java inheritance tugas Kendaraan.java Mobil.java Pesawat.java main.java Test Packages

Members Segitiga :: BangunDatar hitungKell() : double hitungluas() : double main(String[] args) a : double

Output - Inheritance (run)

```
run:
Luas Segitiga : 8.0
Kelling Segitiga : 6.0
BUILD SUCCESSFUL (total time: 1 second)
```

Output Output Finished building Inheritance (run). 1:1 8:15 AM 12/29/2019

Inheritance - NetBeans IDE 8.0.2

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

Projects Services Files <default config> Search (Ctrl+F)

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

Projects x Services x Files x

Source Packages TugasInheritance BangunDatar.java Persegi.java PersegiPanjang.java Segitiga.java SegitigaSamaKaki.java SegitigaSamaSisi.java inheritance tugas Kendaraan.java Mobil.java Pesawat.java main.java Test Packages

Members SegitigaSamaSisi :: Segitiga hitungKell() : double hitungluas() : double main(String[] args) s : double

Output - Inheritance (run)

```
run:
Luas Segitiga Sama Sisi : 6.936820323024
Kelling Segitiga Sama Sisi : 0.0
BUILD SUCCESSFUL (total time: 1 second)
```

Output Output Finished building Inheritance (run). 1:1 8:16 AM 12/29/2019

Inheritance - NetBeans IDE 8.0.2

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

<default config>

Projects Services Files

Source History > BangunDatar.java Perseg.java PersegPanjang.java Segitiga.java SegitigaSamaSisi.java SegitigaSamaKaki.java

Projects > Source Packages > TugasInheritance > BangunDatar.java Perseg.java PersegPanjang.java Segitiga.java SegitigaSamaKaki.java SegitigaSamaSisi.java inheritance > SegitigaSamaKaki.java > tugas > Kendaraan.java Mobil.java Pesawat.java main.java TestPackages

Navigator > Members > SegitigaSamaKaki :: Segitiga > hitungKell() > hitungluas() > main(String[] args) > sm : double

Output - Inheritance (run)

```
run:
Luas Segitiga Sama Kaki : 0.0
Kelling Segitiga Sama Kaki : 12.0
BUILD SUCCESSFUL (total time: 1 second)
```

Output Output Finished building Inheritance (run).

Windows Search E File D I F 8:16 AM 12/29/2019

ModulKe-7

encapsulation2 - NetBeans IDE 8.2

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

<default config>

Projects Services Files

Source History > karyawan.java karyawanDemo.java Manager.java managerDemo.java

Projects > Services > Navigator > Members > karyawan :: karyawan > getName() > setName(String name) > getGaji() > setGaji(float gaji) > getUmur() > setUmur(int umur)

Output - encapsulation2 (run)

```
Resa
7000000.0
S.I.
Lisa
20
8000000.0
BUILD SUCCESSFUL (total time: 0 seconds)
```

Notifications

Windows Search E File D I F 15:21 8:29 15/11/2019

encapsulation2 - NetBeans IDE 8.2

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

Source History - + Search (Ctrl+F)

Projects Services

karyawan.java karyawanDemo.java Manager.java managerDemo.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 encapsulation2;
6
7 /**
8 * @author LABRFL
9 */
10 public class karyawanDemo {
11     public static void main(String[] args) {
12         karyawan k1 = new karyawan();
13         k1.setNama("Tom");
14         k1.setGaji(5000000);
15         k1.setUmur(20);
16         System.out.println(k1.getNama());
17         System.out.println(k1.getGaji());
18         System.out.println(k1.getUmur());
19     }
20 }
21
22 }
```

Output - encapsulation2 (run) :

```
Reza
37
7000000.0
S.
Lisa
20
8000000.0
BUILD SUCCESSFUL (total time: 0 seconds)
```

Notifications

IN 15:25 8:29 15/11/2019

encapsulation2 - NetBeans IDE 8.2

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

Source History - + Search (Ctrl+F)

Projects Services

karyawan.java karyawanDemo.java Manager.java managerDemo.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 encapsulation2;
6
7 /**
8 * @author LABRFL
9 */
10 public class Manager extends karyawan {
11     private float jamKerja = 7.5f;
12     public float jamKerja(){
13         return jamKerja;
14     }
15     public void setjamKerja(float jamKerja){
16         this.jamKerja = jamKerja;
17     }
18     public float getGajiManager () {
19         return getGaji() * 2;
20     }
21 }
22 }
```

Output - encapsulation2 (run) :

```
Reza
37
7000000.0
S.
Lisa
20
8000000.0
BUILD SUCCESSFUL (total time: 0 seconds)
```

Notifications

IN 24:1 8:30 15/11/2019

encapsulation2 - NetBeans IDE 8.2

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

Source History Navigator Projects Services Files

karyawan.java karyawanDemo.java Manager.java managerDemo.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 encapsulation2;
7
8 /**
9  * @author LABRFL
10 */
11
12 public class managerDemo {
13     public static void main(String[] args) {
14         Manager m1 = new Manager();
15         m1.setJamKerja(8.5f);
16         m1.setName("San");
17         m1.setUmur(21);
18         m1.setGaji(2000000);
19         m1.getGaji();
20         System.out.println(m1.jamKerja());
21         System.out.println(m1.getName());
22         System.out.println(m1.getUmur());
23         System.out.println(m1.getGajiManager());
24
25         Manager m2 = new Manager();
26         m2.setJamKerja(8.1f);
27         m2.setName("San");
28         m2.setUmur(22);
29         m2.setGaji(3000000);
30         m2.getGaji();
31     }
32 }
33
34 Output-encapsulation2 (run)  »
35
36 37
37 7000000.0
38 9.1
39 Lissa
40 20
41 8000000.0
42 BUILD SUCCESSFUL (total time: 0 seconds)
43
44
45
46
47
48
49
50
51
52
53
54
55
56
57
58
59
60
61
62
63
64
65
```

Output-encapsulation2 (run) »

Resa
37
7000000.0
9.1
Lissa
20
8000000.0
BUILD SUCCESSFUL (total time: 0 seconds)

Notifications

IN 8:32 15/11/2019

encapsulation2 - NetBeans IDE 8.2

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

Source History Navigator Projects Services Files

karyawan.java karyawanDemo.java Manager.java managerDemo.java

```
36 Manager m3 = new Manager();
37 m3.setJamKerja(7.3f);
38 m3.setName("Tayo");
39 m3.setUmur(27);
40 m3.setGaji(4500000);
41 m3.getGaji();
42 System.out.println(m3.jamKerja());
43 System.out.println(m3.getName());
44 System.out.println(m3.getUmur());
45 System.out.println(m3.getGajiManager());
46
47 Manager m4 = new Manager();
48 m4.setJamKerja(6.5f);
49 m4.setName("Reza");
50 m4.setUmur(37);
51 m4.setGaji(3500000);
52 m4.getGaji();
53 System.out.println(m4.jamKerja());
54 System.out.println(m4.getName());
55 System.out.println(m4.getUmur());
56 System.out.println(m4.getGajiManager());
57
58 Manager m5 = new Manager();
59 m5.setJamKerja(9.1f);
60 m5.setName("Lissa");
61 m5.setUmur(20);
62 m5.setGaji(4000000);
63 m5.getGaji();
64 System.out.println(m5.jamKerja());
65 System.out.println(m5.getName());
66
```

Output-encapsulation2 (run) »

Resa
37
7000000.0
9.1
Lissa
20
8000000.0
BUILD SUCCESSFUL (total time: 0 seconds)

Notifications

IN 8:28 15/11/2019

The screenshot shows the NetBeans IDE 8.2 interface. The top menu bar includes File, Edit, View, Navigate, Source, Refactor, Run, Debug, Profile, Team, Tools, Window, Help, and a Search field. The left sidebar has Navigator, Projects, Services, and a large Source tab containing Java code. The main editor window displays the following Java code:

```
46 Manager m4 = new Manager();
47     m4.setJamKerja(6.3f);
48     m4.setName("Reza");
49     m4.setUmur(37);
50     m4.setGaji(3500000);
51     m4.getGaji();
52     System.out.println(m4.jamKerja());
53     System.out.println(m4.getName());
54     System.out.println(m4.getUmur());
55     System.out.println(m4.getGajiManager());
56
57 Manager m5 = new Manager();
58     m5.setJamKerja(9.1f);
59     m5.setName("Lisa");
60     m5.setUmur(20);
61     m5.setGaji(4000000);
62     m5.getGaji();
63     System.out.println(m5.jamKerja());
64     System.out.println(m5.getName());
65     System.out.println(m5.getUmur());
66     System.out.println(m5.getGajiManager());
67 }
68 }
69 }
70 }
```

The Output window shows the results of the run:

```
Output - encapsulation2 (run)  ☐
Resa
9
7000000.0
S.I.
3.1
Lisa
20
8000000.0
BUILD SUCCESSFUL (total time: 0 seconds)
```

The bottom status bar shows the date and time: 15/11/2019, 8:28, and the system tray icons.

ModulKe-8

modul8 - NetBeans IDE 8.0.2

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

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 inibank;
6
7 /**
8 * @author Aezo27
9 */
10 public class Bank {
11     protected int rasioBunga(){
12         return 5;
13     }
14 }
15
16 }
```

1:1 6:31 AM 12/17/2019 INS

modul8 - NetBeans IDE 8.0.2

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

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 inibank;
6
7 /**
8 * @author Aezo27
9 */
10 public class BankPasar extends BankUmum {
11     @Override
12     protected int rasioBunga(){
13         return 3;
14     }
15 }
16
17 }
```

1:1 6:31 AM 12/17/2019 INS

modul8 - NetBeans IDE 8.0.2

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

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 inibank;
6
7 /**
8 * @author Aezo27
9 */
10 public class BankPribadi extends Bank {
11     @Override
12     protected int rasioBunga(){
13         return 7;
14     }
15 }
```

Projects Services Files

Inheritance
kasir
Lampu
Source Packages
Lampu
 lampu
 IntLampu.java
 Lampu.java
Libraries

modul8
 Source Packages
 Latihan
 bank
 inibank
 Bank.java
 BankPasar.java

Navigator x Members <empty>

BankPribadi :: Bank
 rasioBunga0 : int

Output

modul8 - NetBeans IDE 8.0.2

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

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 inibank;
6
7 /**
8 * @author Aezo27
9 */
10 public class BankSyariah extends BankUmum {
11     @Override
12     protected int rasioBunga(){
13         return 0;
14     }
15 }
```

Projects Services Files

Inheritance
kasir
Lampu
Source Packages
Lampu
 lampu
 IntLampu.java
 Lampu.java
Libraries

modul8
 Source Packages
 Latihan
 bank
 inibank
 Bank.java
 BankPasar.java

Navigator x Members <empty>

BankSyariah :: BankUmum
 rasioBunga0 : int

Output

modul8 - NetBeans IDE 8.0.2

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

Search (Ctrl+F)

Projects Services Files

Bank.java BankPasar.java BankPribadi.java BankSyariah.java BankUmum.java DemoBank.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 inibank;
7
8 /**
9  * @author Aezo27
10 */
11 public class BankUmum extends Bank{
12     @Override
13     protected int rasioBunga(){
14         return 9;
15     }
16 }

```

Navigator

Members <empty>

BankUmum :: Bank
ratioBunga0 : int

Output

modul8 - NetBeans IDE 8.0.2

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

Search (Ctrl+F)

Projects Services Files

Bank.java BankPasar.java BankPribadi.java BankSyariah.java BankUmum.java DemoBank.java

Source History

```

11 /**
12  public class DemoBank {
13      public static void main(String[] args) {
14          Bank bpr = new BankPribadi();
15          Bank bri = new BankUmum();
16          Bank bp = new BankPasar();
17          Bank bs = new BankSyariah();
18
19          System.out.println(
20              "Bank Pribadi: "+bpr.rasioBunga()+"\n"+
21              "Bank Umum: "+bri.rasioBunga()+"\n"+
22              "Bank Pasar: "+bp.rasioBunga()+"\n"+
23              "Bank Syariah: "+bs.rasioBunga()+"\n");
24
25          BankUmum bkper = new BankPasar();
26          BankUmum bksyr = new BankSyariah();
27
28          System.out.println(
29              "Bank Pasar: "+bkper.rasioBunga()+"\n"+
30              "Bank Syariah: "+bksyr.rasioBunga());
31      }
32  }

```

main - Navigator

Members <empty>

DemoBank
main(String[] args)

Output - modul8 (run)

Bank Pribadi: 7
Bank Umum: 9
Bank Pasar: 3
Bank Syariah: 0

Bank Pasar: 3
Bank Syariah: 0
BUILD SUCCESSFUL (total time: 13 seconds)

Output

ModulKe-9

Tugas

abstract - 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

abstractclass.java Balok.java Bola.java Kerucut.java Kubus.java prismsegitiga.java main.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 tomy
11 */
12 public abstract class abstractclass {
13     public abstract int volume();
14     public abstract int luasPermukaan();
15     public int getvolume() {
16         return volume();
17     }
18     public int getluasPermukaan() {
19         return luasPermukaan();
20     }
21 }
22

```

Find What: float Previous Next Replace Replace All Replace Backwards Preserve Case

Activate Windows Go to Settings to activate Windows.

Output

1:17 AM 12/1/2019 INS

abstract - 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

abstractclass.java Balok.java Bola.java Kerucut.java Kubus.java prismsegitiga.java main.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 tomy
11 */
12 public abstract class abstractclass {
13     public abstract int volume();
14     public abstract int luasPermukaan();
15     public int getvolume() {
16         return volume();
17     }
18     public int getluasPermukaan() {
19         return luasPermukaan();
20     }
21 }
22

```

Balok - Navigator

Members

- Balok :: abstractclass
 - luasPermukaan(): int
 - volume(): int
 - t: int
 - p: int
 - l: int

Find What: float Previous Next Replace Replace All Replace Backwards Preserve Case

Activate Windows Go to Settings to activate Windows.

Output

12:16 12/1/2019

abstract - 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

Bola - Navigator x Members <empty>

Bola :: abstractclass
 ↳ luasPermukaan(): int
 ↳ volume(): int
 ↳ phi: 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 tugas;
7
8 /**
9  *
10 * @author tomy
11 */
12 public abstract class Bola extends abstractclass {
13     int phi = 22/7;
14     int r = 4;
15     public int volume(){
16         return 4/3*phi*r^3;
17     }
18     public int luasPermukaan(){
19         return 4*phi*r^2;
20     }
21 }
22

```

Find What: float Replace With: int Replace All Replace Backwards Preserve Case

tugas.Bola >

Activate Windows Go to Settings to activate Windows.

Output

abstract - 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

Kerucut - Navigator x Members <empty>

Kerucut :: abstractclass
 ↳ luasPermukaan(): int
 ↳ volume(): int
 ↳ phi: int
 ↳ r: int
 ↳ t: 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 tugas;
7
8 /**
9  *
10 * @author tomy
11 */
12 public abstract class Kerucut extends abstractclass {
13     int phi = 22/7;
14     int t = 10;
15     int r = 4;
16     int gp = 8;
17     public int volume(){
18         return 1/3*phi*r^2*t;
19     }
20
21     public int luasPermukaan(){
22         return phi*r*(r+gp);
23     }
24 }
25

```

Find What: float Replace With: int Replace All Replace Backwards Preserve Case

tugas.Kerucut >

Activate Windows Go to Settings to activate Windows.

Output

abstract - 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

abstractclass.java Balok.java Bola.java Kerucut.java Kubus.java prismasegitiga.java main.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 tomy
11 */
12 public abstract class Kubus extends abstractclass {
13     int s = 6;
14     public int volume(){
15         return s^3;
16     }
17     public int luasPermukaan(){
18         return 6*(s*s);
19     }
20 }
21

```

Find What: float

Replace With: int

Replace Replace All Replace Backwards Preserve Case

Kubus - Navigator x Members <empty>

Kubus :: abstractclass

- luasPermukaan(): int
- volume(): int
- s: int

tugas.Kubus

Output

abstract - 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

abstractclass.java Balok.java Bola.java Kerucut.java Kubus.java prismasegitiga.java main.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 tomy
11 */
12 public abstract class prismasegitiga extends abstractclass {
13     int a = 10;
14     int t = 18;
15     int ts = 30;
16     int la = 40;
17     int lbt = 12;
18     public int volume(){
19         return (a*ts/2)*t;
20     }
21     public int luasPermukaan(){
22         return (2*la)+(3*lbt);
23     }
24 }
25

```

Find What: float

Replace With: int

Replace Replace All Replace Backwards Preserve Case

luasPermukaan - Navigator x Members <empty>

prismasegitiga :: abstractclass

- luasPermukaan(): int
- volume(): int
- a: int
- ts: int
- lbt: int
- la: int
- t: int
- ts: int

tugas.prismasegitiga luasPermukaan

Output

abstract - NetBeans IDE 8.0.2

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

Search (Ctrl+F)

Projects Files Services

abstractclass.java mainmethod.java methodabstract.java persegipanjang.java segitiga.java tugas Balok.java Bola.java Kerucut.java Kubus.java abstractclass.java main.java prismasegitiga.java

Inheritance Source Packages

main - Navigator Members <empty>

main main(String[] args)

Source History

10 */
11 public class main {
12 public static void main(String[] args) {
13 Kubus kb = new Kubus();
14 Balok ba = new Balok();
15 Bola bo = new Bola();
16 Kerucut kr = new Kerucut();
17 prismasegitiga pr = new prismasegitiga();
18 System.out.println("volume kubus : " + kb.volume());
19 System.out.println("luas permukaan kubus : " + kb.luasPermukaan());
20 System.out.println("volume balok : " + ba.volume());
21 System.out.println("luas permukaan balok : " + ba.luasPermukaan());
22 System.out.println("volume bola : " + bo.volume());
23 System.out.println("luas permukaan bola : " + bo.luasPermukaan());
24 System.out.println("volume kerucut : " + kr.volume());
25 System.out.println("luas permukaan kerucut : " + kr.luasPermukaan());
26 System.out.println("volume prisma segitiga : " + pr.volume());
27 System.out.println("luas permukaan segitiga : " + pr.luasPermukaan());
28 }
29 }
30 }

Output - abstract (run)

luas permukaan balok : 432
volume bola : 15
luas permukaan bola : 50
volume kerucut : 20
luas permukaan kerucut : 144
volume prisma segitiga : 2700
luas permukaan segitiga : 116
BUILD SUCCESSFUL (total time: 4 seconds)

Activate Windows
Go to Settings to activate Windows.

Output 17:51 1:19 AM 12/1/2019

```
abstract - 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
abstractclass.java x Balok.java x Bola.java x Kerucut.java x Kubus.java x prismasegitiga.java x main.java x
abstractclass.java mainmethod.java methodabstract.java persegipanjang.java segitiga.java tugas
Inheritance Source Packages
main - Navigator Members <empty>
main main(String[] args)
Source History
10 */
11 public class main {
12     public static void main(String[] args) {
13         Kubus kb = new Kubus();
14         Balok ba = new Balok();
15         Bola bo = new Bola();
16         Kerucut kr = new Kerucut();
17         prismasegitiga pr = new prismasegitiga();
18         System.out.println("volume kubus : " + kb.volume());
19         System.out.println("luas permukaan kubus : " + kb.luasPermukaan());
20         System.out.println("volume balok : " + ba.volume());
21         System.out.println("luas permukaan balok : " + ba.luasPermukaan());
22         System.out.println("volume bola : " + bo.volume());
23         System.out.println("luas permukaan bola : " + bo.luasPermukaan());
24         System.out.println("volume kerucut : " + kr.volume());
25         System.out.println("luas permukaan kerucut : " + kr.luasPermukaan());
26         System.out.println("volume prisma segitiga : " + pr.volume());
27         System.out.println("luas permukaan segitiga : " + pr.luasPermukaan());
28     }
29 }
30 }

Output - abstract (run)
luas permukaan balok : 432
volume bola : 15
luas permukaan bola : 50
volume kerucut : 20
luas permukaan kerucut : 144
volume prisma segitiga : 2700
luas permukaan segitiga : 116
BUILD SUCCESSFUL (total time: 4 seconds)

Activate Windows
Go to Settings to activate Windows.

Output 17:51 1:19 AM 12/1/2019
```

Latihan

abstract - NetBeans IDE 8.0.2

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

Search (Ctrl+F)

Projects Files Services

Source Packages

- pkagabstract
 - jajargenjang.java
 - lingkaran.java
 - mainmethod.java
 - methodabtract.java
 - persegiapanjang.java
 - segitiga.java
- tugas
 - Balok.java
 - Bola.java
 - Kerucut.java
 - Kubus.java
 - abstractclass.java
 - main.java

Navigator x Members <empty>

methodabtract

- getkeliling(): int
- getluas(): int
- kelling(): int
- luas(): int

```

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 pkagabstract;
7
8 /**
9  *
10  * @author tomy
11  */
12 public abstract class methodabtract {
13     public abstract int luas();
14     public abstract int keliling();
15     public int getluas() {
16         return luas();
17     }
18     public int getkeliling() {
19         return keliling();
20     }
21 }
22

```

Find What: float Previous Next Replace Replace All Replace Backwards Preserve Case

Activate Windows Go to Settings to activate Windows.

Output

abstract - NetBeans IDE 8.0.2

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

Search (Ctrl+F)

Projects Files Services

Source Packages

- pkagabstract
 - jajargenjang.java
 - lingkaran.java
 - mainmethod.java
 - methodabtract.java
 - persegiapanjang.java
 - segitiga.java
- tugas
 - Balok.java
 - Bola.java
 - Kerucut.java
 - Kubus.java
 - abstractclass.java
 - main.java

keliling - Navigator x Members <empty>

jajargenjang :: methodabtract

- kelling(): int
- luas(): int
- a: int
- sm: int
- t: int

```

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 pkagabstract;
7
8 /**
9  *
10  * @author tomy
11  */
12 public abstract class jajargenjang extends methodabtract {
13     int a = 10;
14     int t = 12;
15     int sm = 4;
16     public int luas() {
17         return a*t/2;
18     }
19     public int keliling() {
20         return 2*(a+sm);
21     }
22 }
23

```

Find What: float Previous Next Replace Replace All Replace Backwards Preserve Case

Activate Windows Go to Settings to activate Windows.

Output

abstract - NetBeans IDE 8.0.2

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

Search (Ctrl+F)

Projects Files Services

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 pkgabstract;
7
8 /**
9  *
10 * @author tomy
11 */
12 public abstract class lingkaran extends methodabstract {
13     int phi = 22/7;
14     int r = 12;
15     public int luas(){
16         return phi*r^2;
17     }
18     public int keliling(){
19         return 2*phi*r;
20     }
21 }
22

```

Find What: float Replace With: int

Activate Windows Go to Settings to activate Windows.

14:16 12/1/2019 INS

abstract - NetBeans IDE 8.0.2

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

Search (Ctrl+F)

Projects Files Services

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 pkgabstract;
7
8 /**
9  *
10 * @author tomy
11 */
12 public abstract class persegi panjang extends methodabstract {
13     int p = 20;
14     int l = 10;
15     public int luas(){
16         return p*l;
17     }
18     public int keliling(){
19         return 2*(p+l);
20     }
21 }
22

```

Find What: float Replace With: int

Activate Windows Go to Settings to activate Windows.

14:16 12/1/2019 INS

abstract - 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

Source History

methodabtract.java x jajargenjang.java x lingkaran.java x persegipanjang.java x segitiga.java x mainmethod.java x

methodabtract.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 pkgabstract;
7
8 /**
9  *
10 * @author tomy
11 */
12 public abstract class segitiga extends methodabtract {
13     int a = 20;
14     int t = 10;
15     int sisi = 5;
16     public int luas(){
17         return (a*t)/2;
18     }
19     public int keliling(){
20         return sisi*3;
21     }
22 }
```

Find What: float Replace With: int Replace All Replace Backwards Preserve Case

Activate Windows Go to Settings to activate Windows.

Output

abstract - 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

Source History

methodabtract.java x jajargenjang.java x lingkaran.java x persegipanjang.java x segitiga.java x mainmethod.java x

mainmethod.java

```

11
12 public class mainmethod{
13     public static void main(String[] args) {
14         persegipanjang p = new persegipanjang();
15         jajargenjang j = new jajargenjang();
16         lingkaran l = new lingkaran();
17         segitiga s = new segitiga();
18         System.out.println("Luas persegi panjang : " + p.luas());
19         System.out.println("Keliling persegi panjang : " + p.keliling());
20         System.out.println("Luas jajar genjang : " + j.luas());
21         System.out.println("Keliling jajar genjang : " + j.keliling());
22         System.out.println("Luas lingkaran : " + l.luas());
23         System.out.println("Keliling lingkaran : " + l.keliling());
24         System.out.println("Luas segitiga : " + s.luas());
25         System.out.println("Keliling segitiga : " + s.keliling());
26     }
27 }
28 }
```

Activate Windows Go to Settings to activate Windows.

Output - abstract (run)

```

Kejadian persegipanjang : 400
Luas jajar genjang : 60
Kejadian jajar genjang : 80
Luas lingkaran : 38
Kejadian lingkaran : 72
Luas segitiga : 100
Kejadian segitiga : 6
BUILD SUCCESSFUL (total time: 1 second)
|
```

Output

ModulKe-10
ActivityLampu

interface - NetBeans IDE 8.2

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

Projects Services Files

ActivityLampu

Bank

interface

Source Packages

pkginterface

ActivityLampu.java

Lampu.java

AplikasiLampu.java

Test Packages

Libraries

Test Libraries

Modul1

Modul9

polymorphism

Polymorphismmm

qwerty

ActivityLampu.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 pkginterface;
6
7 /**
8 */
9 *
10 * @author Personal
11 */
12 public interface ActivityLampu {
13     public static final int LAMPU_HIDUP=1;
14     public static final int LAMPU_MATI=0;
15     public static final int LAMPU_REDUP=2;
16     public abstract void matikanLampu();
17     public abstract void hidupkanLampu();
18     public abstract void redupkanLampu();
19 }
20
```

Output

interface (run) #3 running... (more...) 20:1 8:39 ENG 06/12/2019 DNS

Lampu

interface - NetBeans IDE 8.2

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

Projects Services Files

ActivityLampu

Bank

interface

Source Packages

pkginterface

ActivityLampu.java

Lampu.java

AplikasiLampu.java

Test Packages

Libraries

Test Libraries

Modul1

Modul9

polymorphism

Polymorphismmm

qwerty

Lampu.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 pkginterface;
6
7 /**
8 */
9 *
10 * @author Personal
11 */
12 public class Lampu implements ActivityLampu{
13     public int statusLampu;
14     public void matikanLampu(){
15         if(statusLampu==0){
16             System.out.println("Lampu sudah dalam kondisi MATI");
17         }else if(statusLampu==1){
18             statusLampu--;
19             System.out.println("Lampu sudah dimatikan");
20         }
21     }
22     public void hidupkanLampu(){
23         if(statusLampu==1){
24             System.out.println("Lampu sudah dinyalakan\n***");
25         }else{
26             statusLampu++;
27             System.out.println("Lampu sudah dalam kondisi menyala");
28         }
29     }
30     public void redupkanLampu(){
31         if(statusLampu==2){
32             System.out.println("Lampu sudah dalam kondisi redup");
33         }
34     }
35 }
```

Output

interface (run) #3 running... (more...) 22:22 8:39 ENG 06/12/2019 DNS

interface - NetBeans IDE 8.2

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Projects Services Files

ActivityLampu Bank interface Source Packages pkinterface ActivityLampu.java Lampu.java ApikasiLampu.java

```

19     System.out.println("Lampu sudah dimatikan");
20 }
21
22 public void hidupkanLampu() {
23     if(statusLampu==1){
24         System.out.println("Lampu sudah dinyalakan\n***");
25     }else{
26         statusLampu+=1;
27         System.out.println("Lampu sudah dalam kondisi menyala");
28     }
29 }
30
31 public void redupkanLampu() {
32     if(statusLampu==0){
33         System.out.println("Lampu sudah dalam kondisi redup");
34     }else{
35         statusLampu-=2;
36         System.out.println("Lampu sudah diredukan");
37     }
38 }
39 public int setsaklar(int saklar){
40     return statusLampu = saklar;
41 }
42

```

Output interface (run) #3 running... (more...) 22:22 8:39 ENG 06/12/2019 DNS

AplikasiLampu

interface - NetBeans IDE 8.2

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

Projects Services Files

ActivityLampu Bank interface Source Packages pkinterface ActivityLampu.java Lampu.java ApikasiLampu.java

```

6 package pkinterface;
7
8 /**
9 * @author Personal
10 */
11
12 import java.util.Scanner;
13 public class ApikasiLampu {
14     public static void main(String[] args) {
15         Lampu lampu = new Lampu();
16         Scanner sc = new Scanner(System.in);
17         lampu.statusLampu = lampu.setsaklar(0);
18         System.out.println("Status Lampu = " + lampu.statusLampu + "\nketikan");
19         System.out.println("1 untuk menyalaikan lampu\n2 untuk meredukan Lampu"
20                           + "\n3 untuk mematikan lampu");
21         int input=sc.nextInt();
22         if(lampu.setsaklar(input)==0){
23             lampu.matiLampu();
24         }else if(lampu.setsaklar(input)==1){
25             lampu.hidupkanLampu();
26         }else{
27             lampu.redupkanLampu();
28         }
29     }
30 }

```

Output - interface (run) #4
 1 untuk menyalaikan lampu
 2 untuk meredukan Lampu
 3 untuk mematikan lampu
 1
 Lampu sudah dinyalakan

 BUILD SUCCESSFUL (total time: 16 seconds)

Finished building interface (run) #4.

interface (run) #3 running... (more...) 9:3 8:40 ENG 06/12/2019 DNS

ModulKe-11

NestedClass - NetBeans IDE 8.0.2

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

Projects Services Files

Source History <default config> Search (Ctrl+F)

NestedClass.java x Demo.java 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 nestedclass;

/*
 * @author tomy
 */
public class NestedClass {
    String nama = "Tomy Satmoko Aji";
    String nim = "L200180057";
    public void printNama(){
        System.out.println(nama + " : " + nim);
    }
    static class staticNestedClass{
        static String jurusan = "Informatika";
        public void printNama(){
            NestedClass a = new NestedClass();
            a.printNama();
        }
    }
    class InnerClass{
        public void cc(){
            System.out.println(staticNestedClass.jurusan);
        }
    }
}
```

cc - Navigator

Members

- NestedClass
 - printNama()
 - nama : String
 - nim : String
 - InnerClass
 - cc()
 - staticNestedClass
 - printNama()
 - jurusan : String

Output

27:57 8:55 AM 12/29/2019

NestedClass - NetBeans IDE 8.0.2

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

Projects Services Files

Source History <default config> Search (Ctrl+F)

NestedClass.java x Demo.java x

```
package nestedclass;

/*
 * @author tomy
 */
public class Demo extends NestedClass{
    public static void main(String[] args) {
        NestedClass a = new NestedClass();
        NestedClass.staticNestedClass b = new NestedClass.staticNestedClass();
        b.printNama();
        NestedClass.InnerClass L = a.new InnerClass();
        L.cc();
    }
}
```

main - Navigator

Members

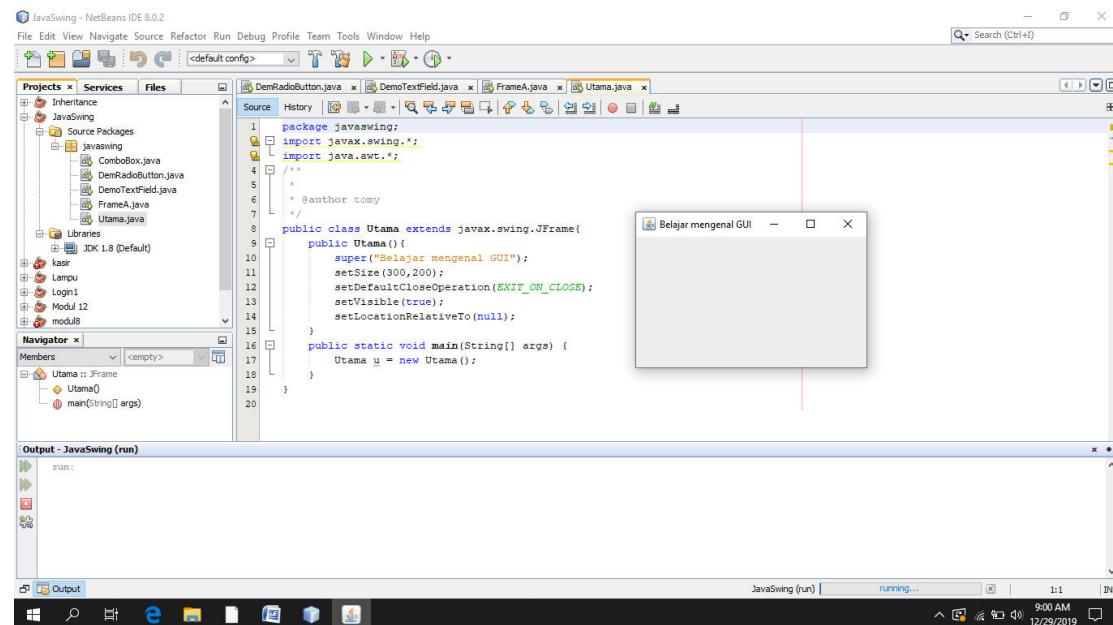
- Demo :: NestedClass
 - main(String[] args)

Output - NestedClass (run)

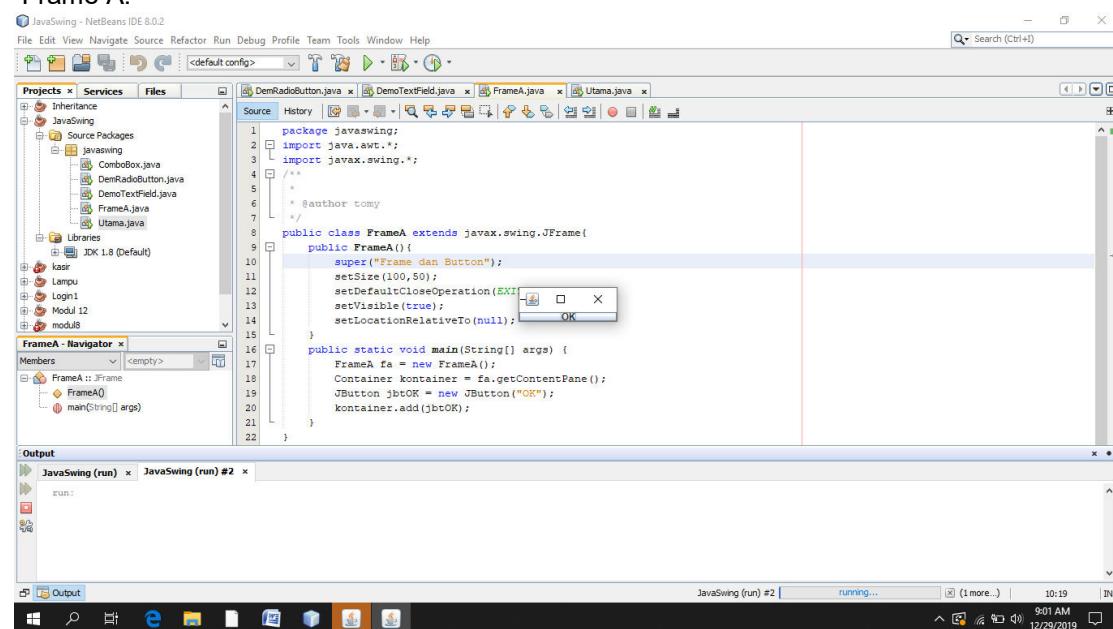
```
run:
Tony Satmoko Aji : L200180057
Informatika
BUILD SUCCESSFUL (total time: 8 seconds)
```

19:16 8:56 AM 12/29/2019

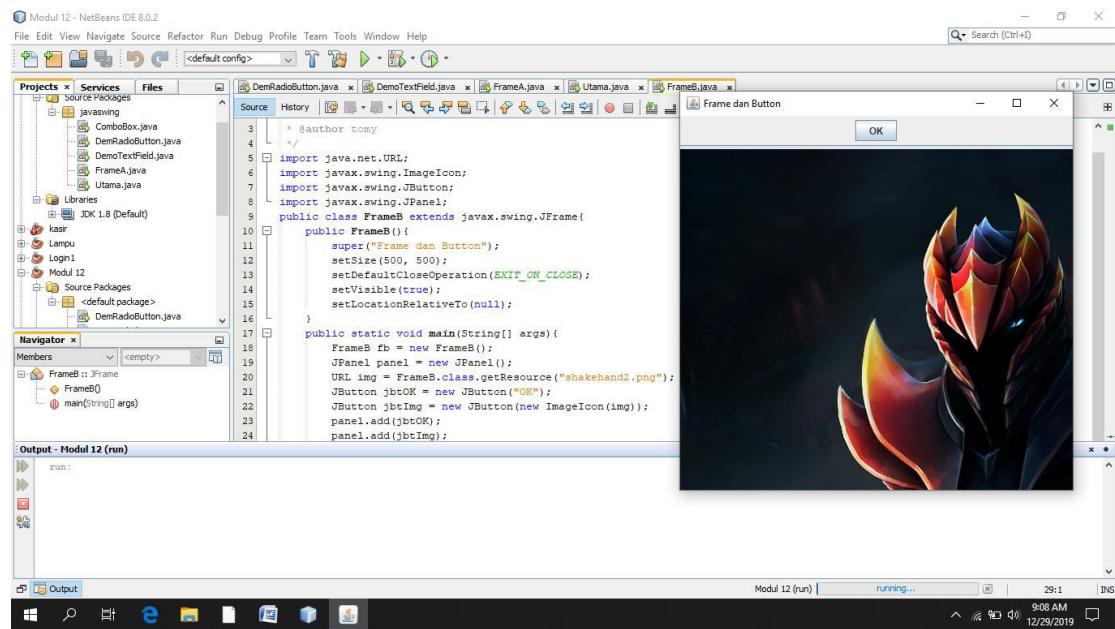
ModulKe-12



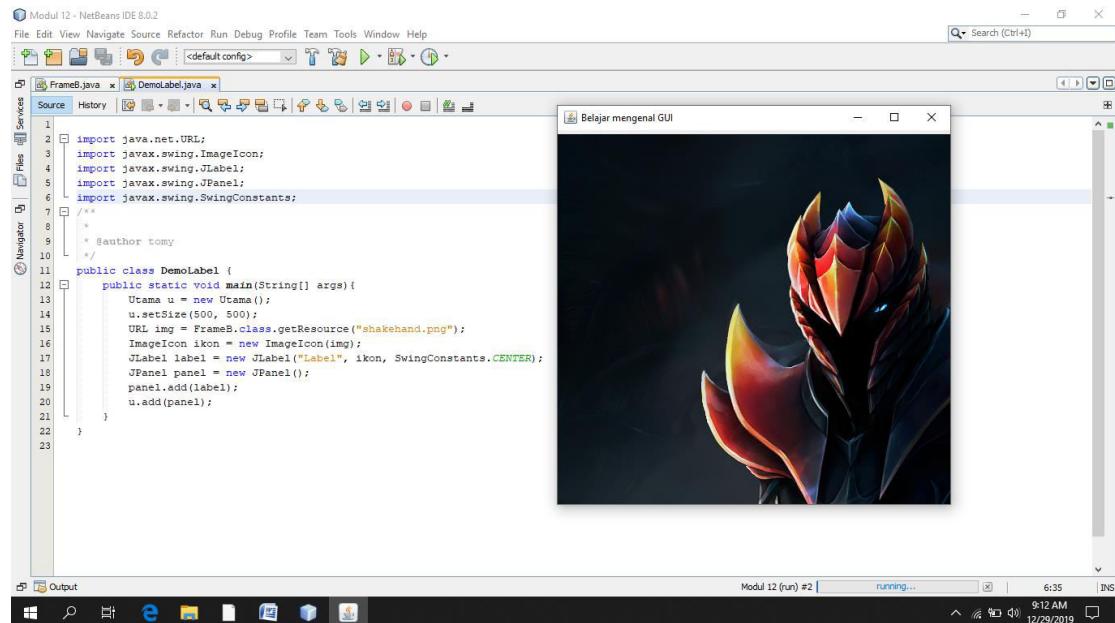
Frame A.



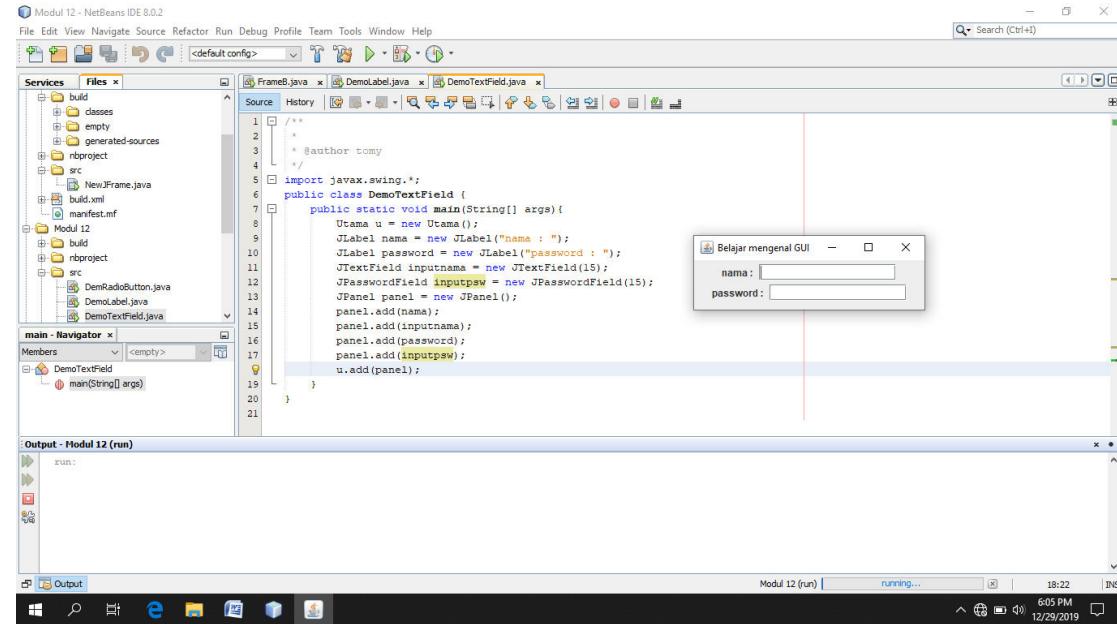
Frame B.



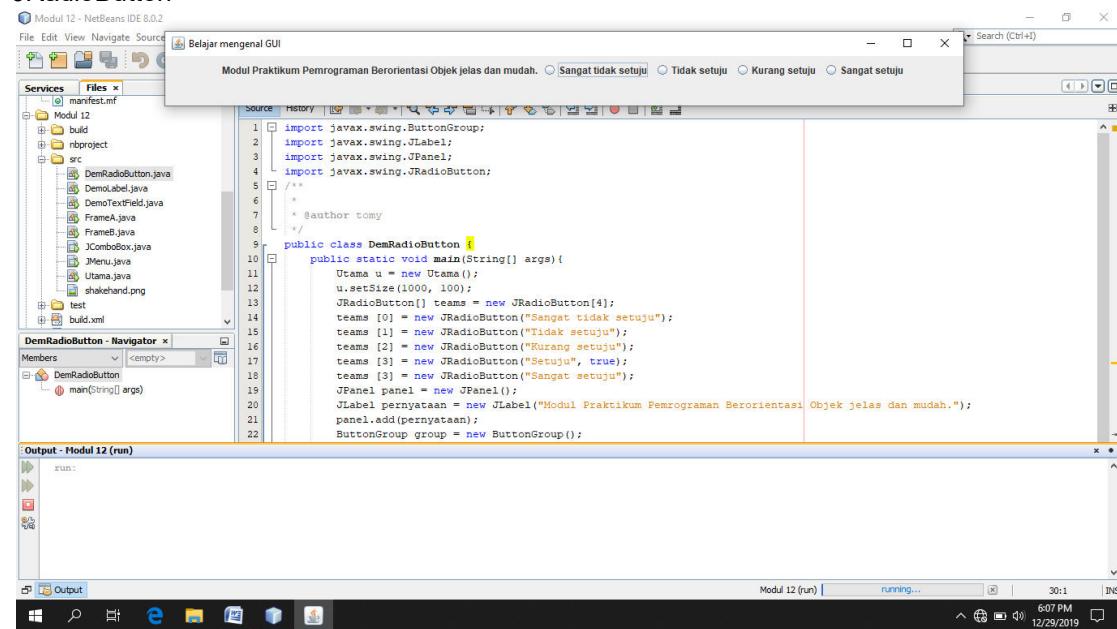
Demo Label



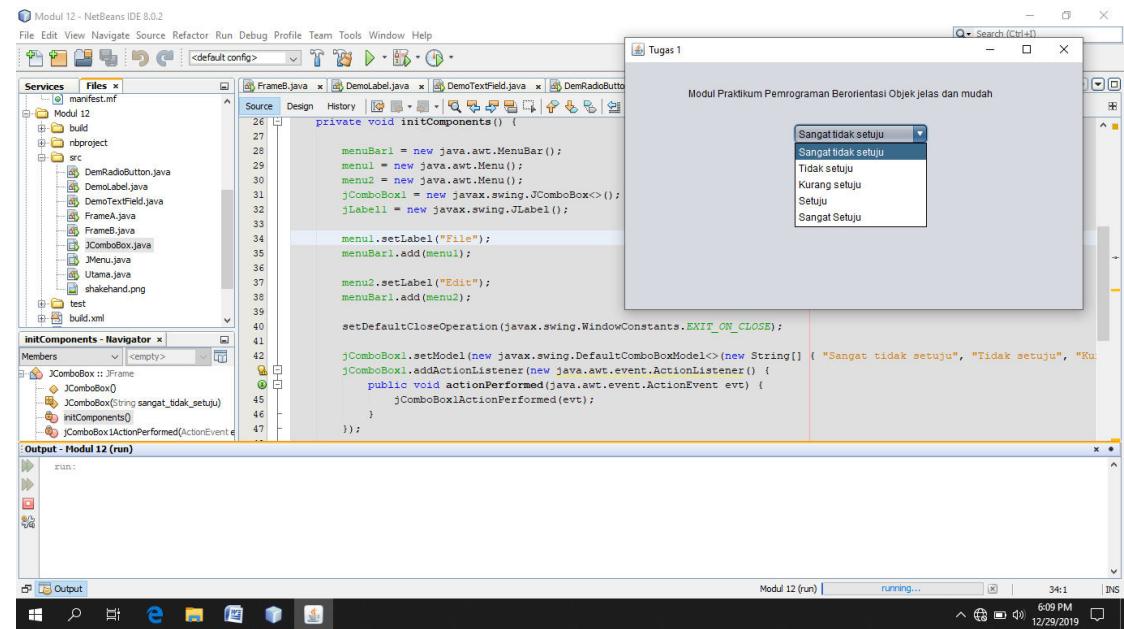
Demo textfield



JRadioButton



Tugas JComboBox



Ubah Warna

