MODUL 7

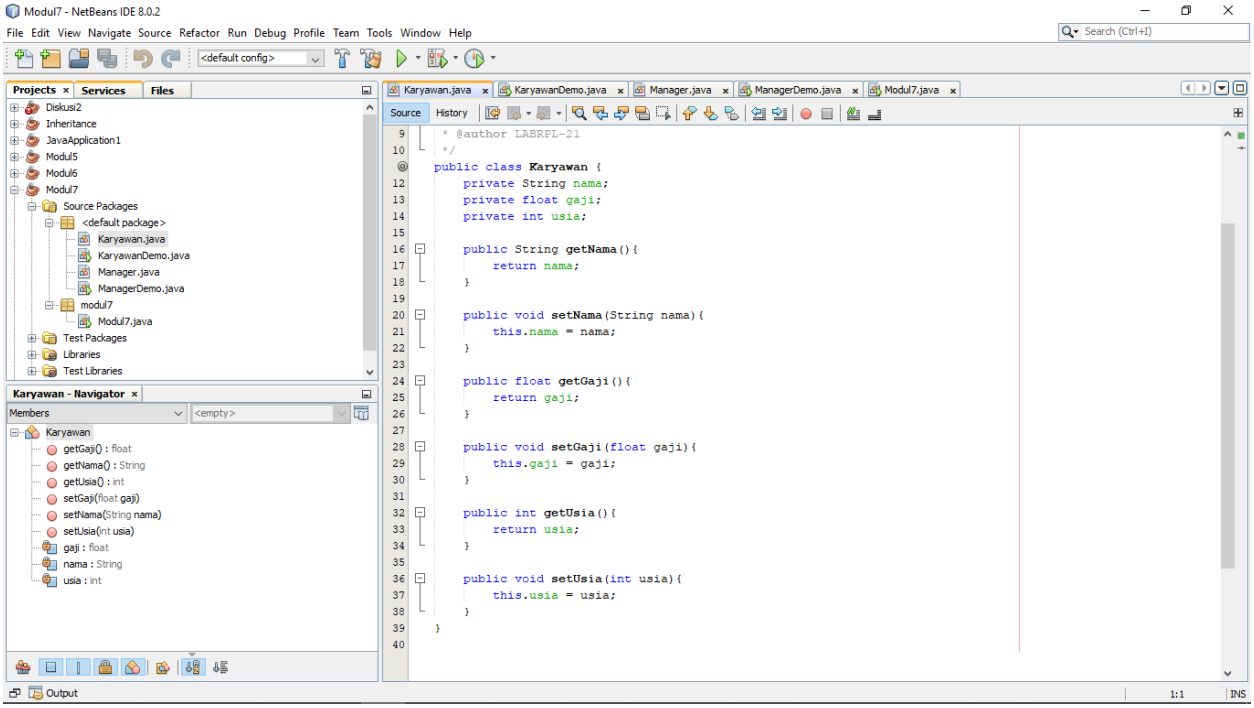
ENCAPSULATION

Nama : Afiq Tri Nugraha

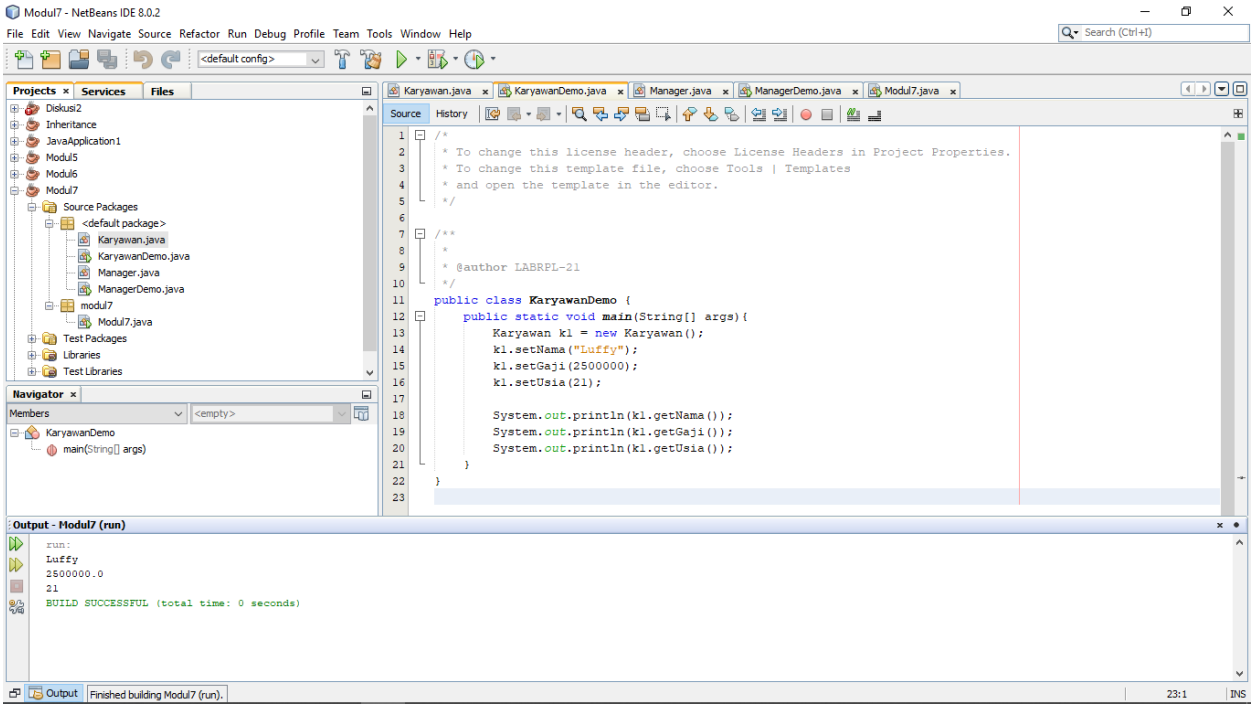
NIM : L200180080

Kelas : B

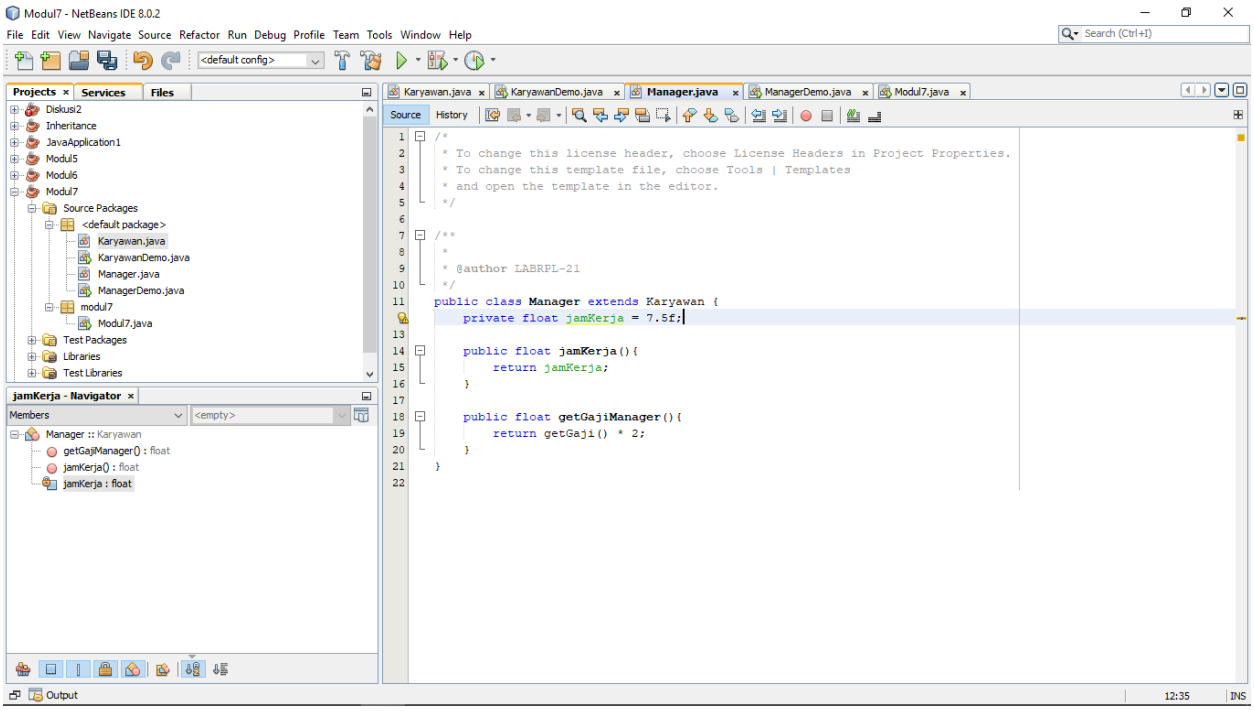
Akses Modifier Private pada Encapsulation



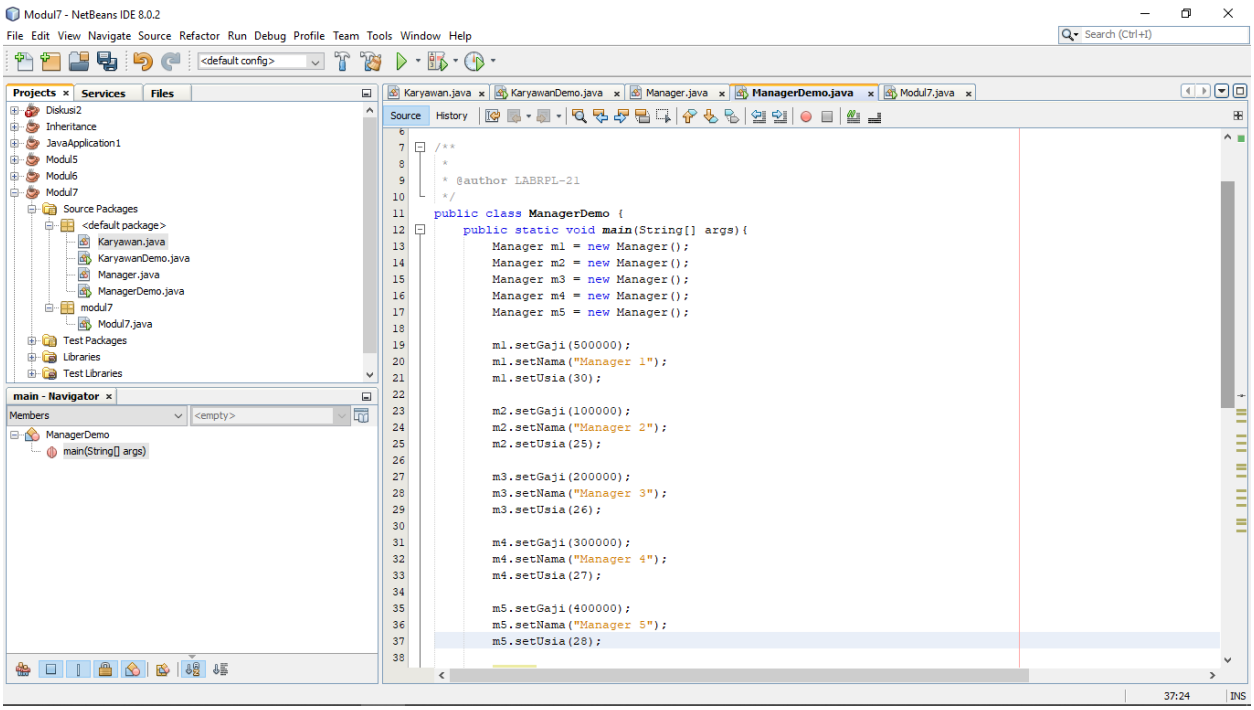
Pemanfaatan Getter dan Setter

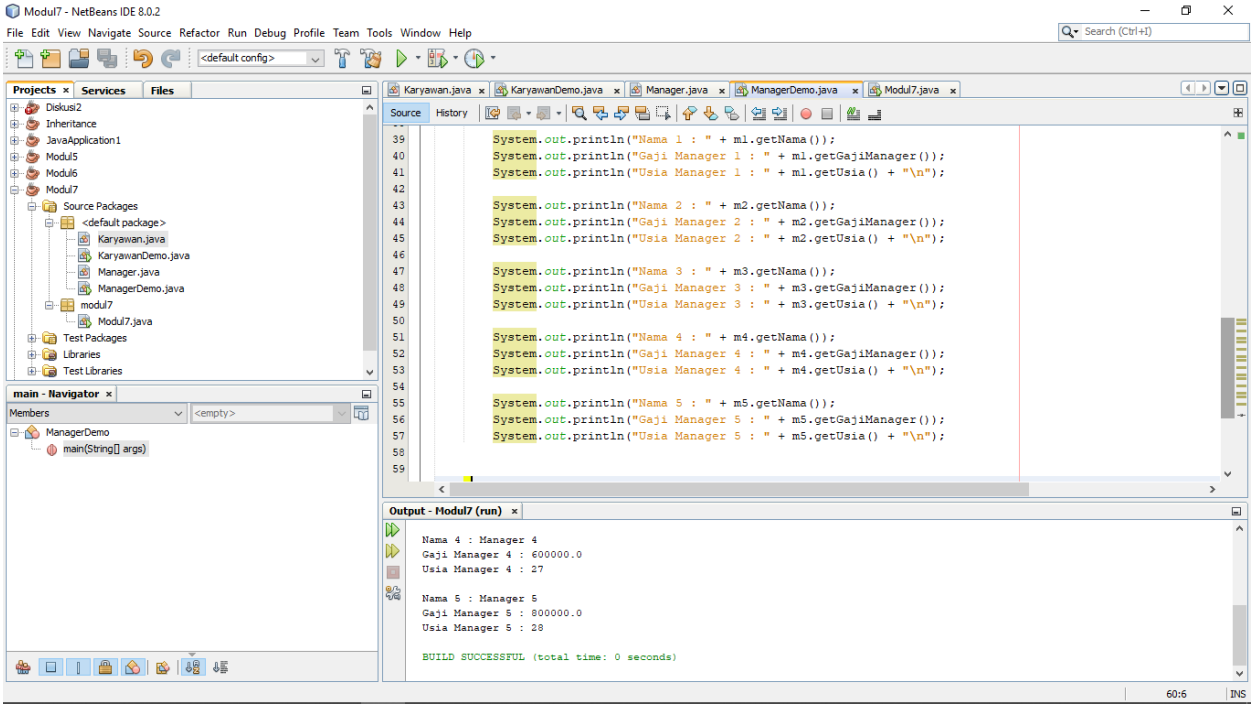


Single Inheritance

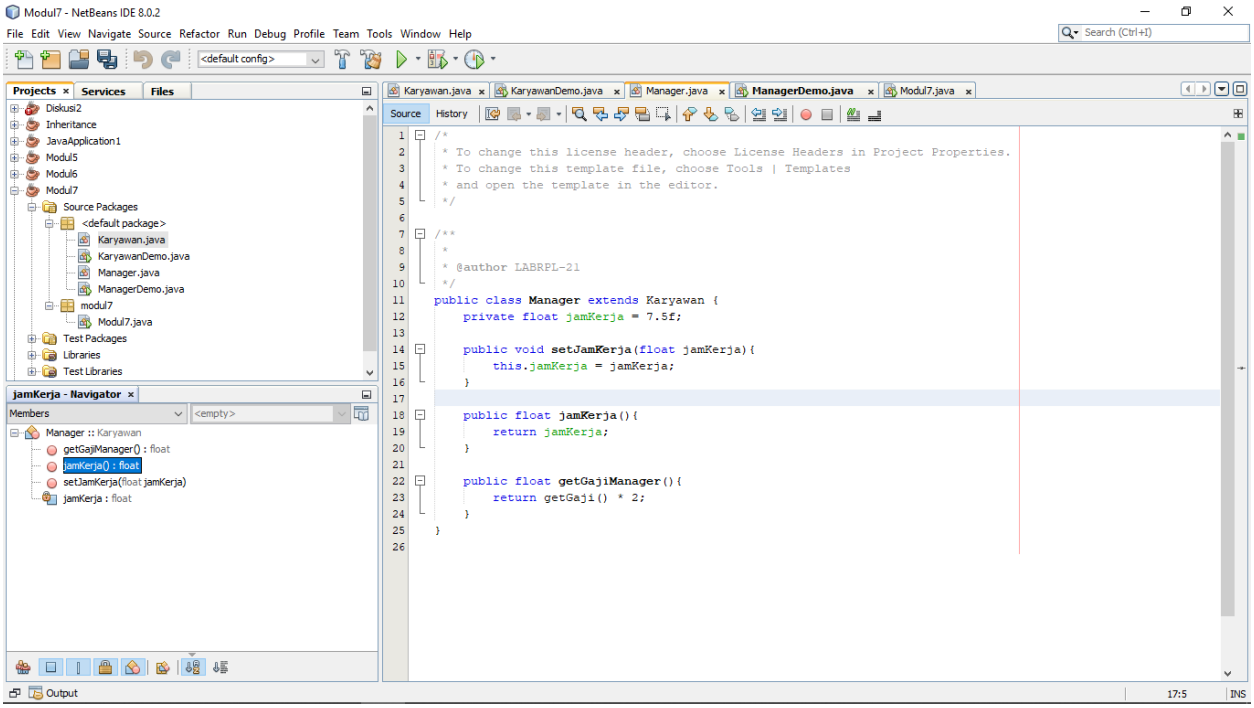


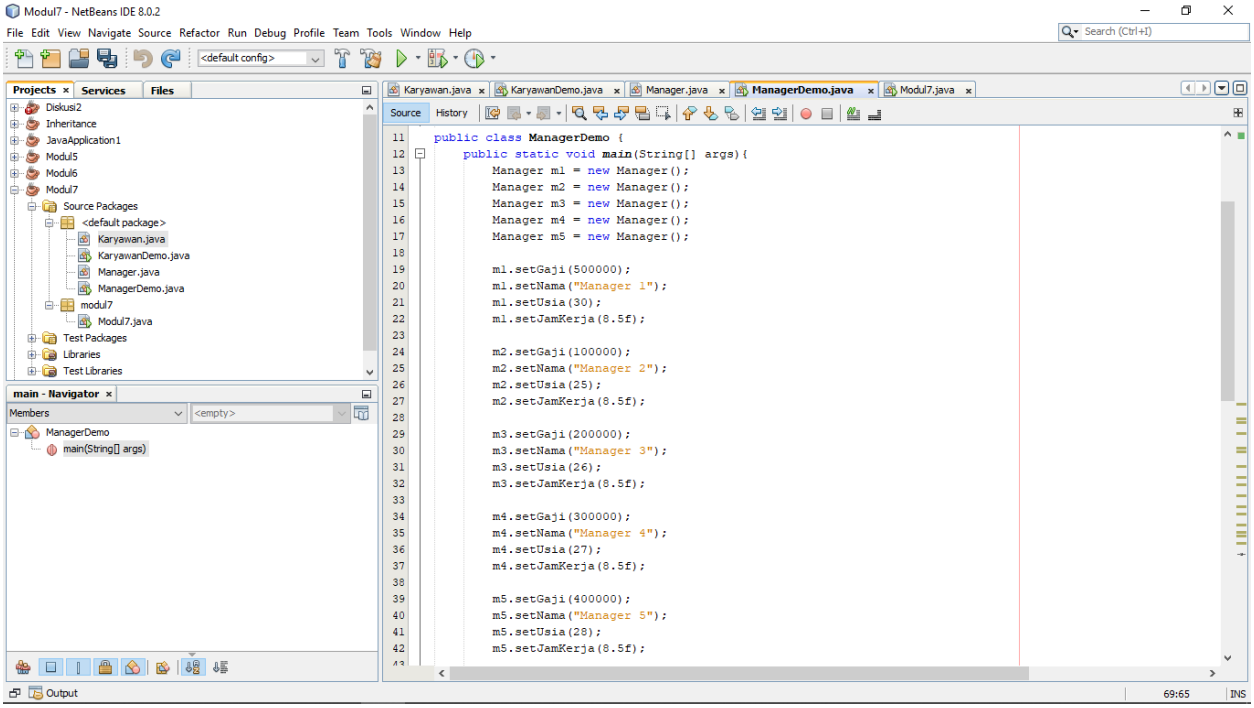
Latihan

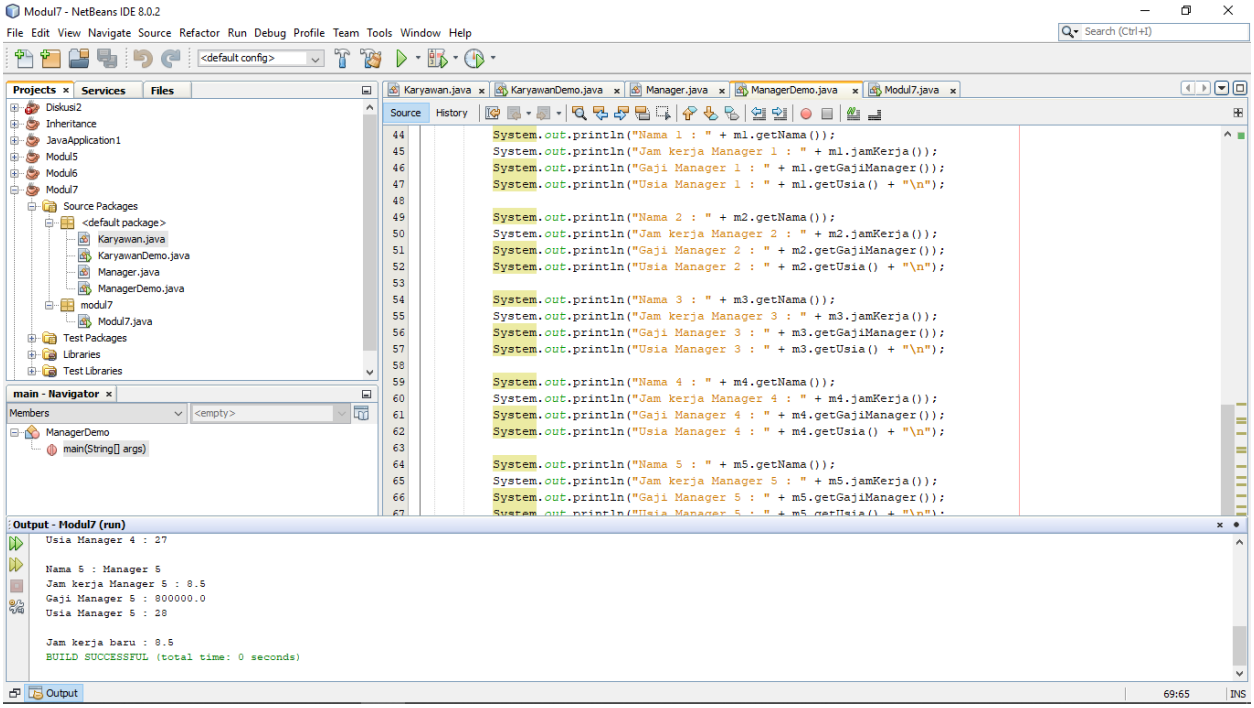

Modul7 - NetBeans IDE 8.0.2
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
Search (Ctrl+I)
Projects Services Files
Diskusi2
Inheritance
JavaApplication1
Modul5
Modul6
Modul7
Source Packages
<default package>
Karyawan.java
KaryawanDemo.java
Manager.java
ManagerDemo.java
modul7
Modul7.java
Test Packages
Libraries
Test Libraries
main - Navigator
Members
<empty>
ManagerDemo
main(String[] args)
Karyawan.java KaryawanDemo.java Manager.java ManagerDemo.java Modul7.java
Source History
/**
*
* @author LABRPL-21
*/
public class ManagerDemo {
public static void main(String[] args){
Manager m1 = new Manager();
Manager m2 = new Manager();
Manager m3 = new Manager();
Manager m4 = new Manager();
Manager m5 = new Manager();
m1.setGaji(500000);
m1.setNama("Manager 1");
m1.setUsia(30);
m2.setGaji(100000);
m2.setNama("Manager 2");
m2.setUsia(25);
m3.setGaji(200000);
m3.setNama("Manager 3");
m3.setUsia(26);
m4.setGaji(300000);
m4.setNama("Manager 4");
m4.setUsia(27);
m5.setGaji(400000);
m5.setNama("Manager 5");
m5.setUsia(28);
37:24
INS


Modul7 - NetBeans IDE 8.0.2
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
Search (Ctrl+I)
Projects Services Files
Diskusi2
Inheritance
JavaApplication1
Modul5
Modul6
Modul7
Source Packages
<default package>
Karyawan.java
KaryawanDemo.java
Manager.java
ManagerDemo.java
modul7
Modul7.java
Test Packages
Libraries
Test Libraries
main - Navigator
Members
<empty>
ManagerDemo
main(String[] args)
Karyawan.java KaryawanDemo.java Manager.java ManagerDemo.java Modul7.java
Source History
System.out.println("Nama 1 : " + m1.getNama());
System.out.println("Gaji Manager 1 : " + m1.getGajiManager());
System.out.println("Usia Manager 1 : " + m1.getUsia() + "\n");
System.out.println("Nama 2 : " + m2.getNama());
System.out.println("Gaji Manager 2 : " + m2.getGajiManager());
System.out.println("Usia Manager 2 : " + m2.getUsia() + "\n");
System.out.println("Nama 3 : " + m3.getNama());
System.out.println("Gaji Manager 3 : " + m3.getGajiManager());
System.out.println("Usia Manager 3 : " + m3.getUsia() + "\n");
System.out.println("Nama 4 : " + m4.getNama());
System.out.println("Gaji Manager 4 : " + m4.getGajiManager());
System.out.println("Usia Manager 4 : " + m4.getUsia() + "\n");
System.out.println("Nama 5 : " + m5.getNama());
System.out.println("Gaji Manager 5 : " + m5.getGajiManager());
System.out.println("Usia Manager 5 : " + m5.getUsia() + "\n");
Output - Modul7 (run)
Nama 4 : Manager 4
Gaji Manager 4 : 600000.0
Usia Manager 4 : 27
Nama 5 : Manager 5
Gaji Manager 5 : 800000.0
Usia Manager 5 : 28
BUILD SUCCESSFUL (total time: 0 seconds)
60:6
INS

Menambahkan Setter pada class Manager






Modul7 - NetBeans IDE 8.0.2
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
Search (Ctrl+I)
<default config>
Projects
Services
Files
Diskusi2
Inheritance
JavaApplication1
Modul5
Modul6
Modul7
Source Packages
<default package>
Karyawan.java
KaryawanDemo.java
Manager.java
ManagerDemo.java
modul7
Modul7.java
Test Packages
Libraries
Test Libraries
main - Navigator
Members
<empty>
ManagerDemo
main(String[] args)
Karyawan.java
KaryawanDemo.java
Manager.java
ManagerDemo.java
Modul7.java
Source
History
44 System.out.println("Nama 1 : " + m1.getNama());
45 System.out.println("Jam kerja Manager 1 : " + m1.jamKerja());
46 System.out.println("Gaji Manager 1 : " + m1.getGajiManager());
47 System.out.println("Usia Manager 1 : " + m1.getUsia() + "\n");
48
49 System.out.println("Nama 2 : " + m2.getNama());
50 System.out.println("Jam kerja Manager 2 : " + m2.jamKerja());
51 System.out.println("Gaji Manager 2 : " + m2.getGajiManager());
52 System.out.println("Usia Manager 2 : " + m2.getUsia() + "\n");
53
54 System.out.println("Nama 3 : " + m3.getNama());
55 System.out.println("Jam kerja Manager 3 : " + m3.jamKerja());
56 System.out.println("Gaji Manager 3 : " + m3.getGajiManager());
57 System.out.println("Usia Manager 3 : " + m3.getUsia() + "\n");
58
59 System.out.println("Nama 4 : " + m4.getNama());
60 System.out.println("Jam kerja Manager 4 : " + m4.jamKerja());
61 System.out.println("Gaji Manager 4 : " + m4.getGajiManager());
62 System.out.println("Usia Manager 4 : " + m4.getUsia() + "\n");
63
64 System.out.println("Nama 5 : " + m5.getNama());
65 System.out.println("Jam kerja Manager 5 : " + m5.jamKerja());
66 System.out.println("Gaji Manager 5 : " + m5.getGajiManager());
Output - Modul7 (run)
Usia Manager 4 : 27
Nama 5 : Manager 5
Jam kerja Manager 5 : 8.5
Gaji Manager 5 : 800000.0
Usia Manager 5 : 28
Jam kerja baru : 8.5
BUILD SUCCESSFUL (total time: 0 seconds)
Output
69:65
INS