

PRAKTIKUM
PEMROGRAMAN BERORIENTASI OBJEK
MODUL 7



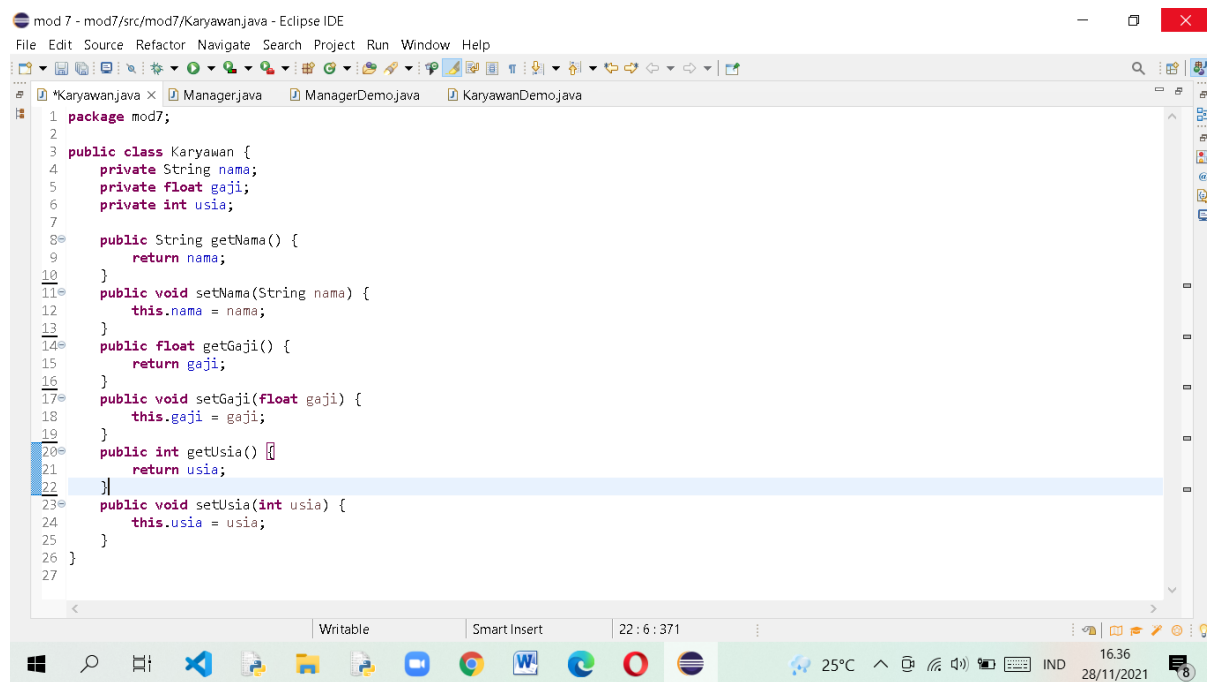
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PROGRAM STUDI
INFORMATIKA
FAKULTAS KOMUNIKASI DAN INFORMATIKA
UNIVERSITAS MUHAMMADIYAH SURAKARTA
TAHUN 2021/2022

LATIHAN

1. Buatlah class dengan fungsi main() dan 5 objek berbeda yang dihasilkan dari class Manager. Kemudian melalui object tersebut tampilkan nilai private variable dari class Manager dan class Karyawan
2. Tambahkan setter pada class Manager untuk memodifikasi nilai baru jamKerja menjadi 8.5!
 - a. Kode program dan output
 - Class Karyawan



```
mod 7 - mod7/src/mod7/Karyawan.java - Eclipse IDE
File Edit Source Refactor Navigate Search Project Run Window Help

Karyawan.java Manager.java ManagerDemo.java KaryawanDemo.java

1 package mod7;
2
3 public class Karyawan {
4     private String nama;
5     private float gaji;
6     private int usia;
7
8     public String getNama() {
9         return nama;
10    }
11    public void setNama(String nama) {
12        this.nama = nama;
13    }
14    public float getGaji() {
15        return gaji;
16    }
17    public void setGaji(float gaji) {
18        this.gaji = gaji;
19    }
20    public int getUsia() {
21        return usia;
22    }
23    public void setUsia(int usia) {
24        this.usia = usia;
25    }
26 }
27
```

- Class Manager

mod 7 - mod7/src/mod7/Manager.java - Eclipse IDE

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Manager.java

```
1 package mod7;
2
3 public class Manager extends Karyawan {
4     private float jamKerja = 7.5f;
5
6     public float getjamKerja() {
7         return jamKerja;
8     }
9     public void setJamkerja(float jamKerja) {
10         this.jamKerja = jamKerja;
11     }
12
13     public float getGajiManager() {
14         return getGaji() * 2;
15     }
16 }
17
```

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▪ Class ManagerDemo

mod 7 - mod7/src/mod7/ManagerDemo.java - Eclipse IDE

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ManagerDemo.java

```
1 package mod7;
2
3 public class ManagerDemo {
4     public static void main(String [] args) {
5         Manager m1 = new Manager();
6         Manager m2 = new Manager();
7         Manager m3 = new Manager();
8         Manager m4 = new Manager();
9         Manager m5 = new Manager();
10
11         m1.setName("Nicky Julyatrika Sari");
12         m1.setUsia(23);
13         m1.setGaji(1500000);
14         m1.setJamkerja(8.5f);
15
16         m2.setName("Destaviano Aguero");
17         m2.setUsia(24);
18         m2.setGaji(1500000);
19         m2.setJamkerja(8.5f);
20
21         m3.setName("Alfiandro Diego");
22         m3.setUsia(23);
23         m3.setGaji(1500000);
24         m3.setJamkerja(8.5f);
25
26         m4.setName("Julya Sari");
27         m4.setUsia(25);
28         m4.setGaji(1500000);
29     }
30 }
31
```

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mod 7 - mod7/src/mod7/ManagerDemojava - Eclipse IDE

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Karyawan.java Manager.java ManagerDemo.java KaryawanDemo.java

```
25
26 m4.setName("Julia Sari");
27 m4.setUsia(25);
28 m4.setGaji(1500000);
29 m4.setJamKerja(8.5f);
30
31 m5.setName("Destaviano");
32 m5.setUsia(23);
33 m5.setGaji(1500000);
34 m5.setJamKerja(8.5f);
35
36
37 System.out.println("-----Data Manager" + "\n"
38 + "Nama      : " + m1.getName() + "\n"
39 + "Usia       : " + m1.getUsia() + "\n"
40 + "Gaji       : " + m1.getGajiManager() + "\n"
41 + "Jam Kerja  : " + m1.getJamKerja() + "\n" +
42 + "\n"
43
44 + "Nama      : " + m2.getName() + "\n"
45 + "Usia       : " + m2.getUsia() + "\n"
46 + "Gaji       : " + m2.getGajiManager() + "\n"
47 + "Jam Kerja  : " + m2.getJamKerja() + "\n" +
48 + "\n"
49
50 + "Nama      : " + m3.getName() + "\n"
51 + "Usia       : " + m3.getUsia() + "\n"
52 + "Gaji       : " + m3.getGajiManager() + "\n"
```

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mod 7 - mod7/src/mod7/ManagerDemojava - Eclipse IDE

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Manager.java ManagerDemo.java KaryawanDemo.java

```
44 + "Nama      : " + m2.getName() + "\n"
45 + "Usia       : " + m2.getUsia() + "\n"
46 + "Gaji       : " + m2.getGajiManager() + "\n"
47 + "Jam Kerja  : " + m2.getJamKerja() + "\n" +
48 + "\n"
49
50 + "Nama      : " + m3.getName() + "\n"
51 + "Usia       : " + m3.getUsia() + "\n"
52 + "Gaji       : " + m3.getGajiManager() + "\n"
53 + "Jam Kerja  : " + m3.getJamKerja() + "\n" +
54 + "\n"
55
56
57 + "Nama      : " + m4.getName() + "\n"
58 + "Usia       : " + m4.getUsia() + "\n"
59 + "Gaji       : " + m4.getGajiManager() + "\n"
60 + "Jam Kerja  : " + m4.getJamKerja() + "\n" +
61 + "\n"
62
63 + "Nama      : " + m5.getName() + "\n"
64 + "Usia       : " + m5.getUsia() + "\n"
65 + "Gaji       : " + m5.getGajiManager() + "\n"
66 + "Jam Kerja  : " + m5.getJamKerja() + "\n" +
67 + "\n"
68 );
69 }
70 }
71 }
```

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▪ Output

mod 7 - mod7/src/mod7/ManagerDemo.java - Eclipse IDE

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Problems Javadoc Declaration Console x

<terminated> ManagerDemo [Java Application] C:\Program Files\Java\jdk-17\bin\javaw.exe (28 Nov 2021 16:40:53 - 16:40:56)

```
-----Data Manager
Nama      : Nicky Julyatrika Sari
Usia      : 23
Gaji      : 3000000.0
Jam Kerja : 8.5

Nama      : Destaviano Agueno
Usia      : 24
Gaji      : 3000000.0
Jam Kerja : 8.5

Nama      : Alfiandro Diego
Usia      : 23
Gaji      : 3000000.0
Jam Kerja : 8.5

Nama      : Julia Sari
Usia      : 25
Gaji      : 3000000.0
Jam Kerja : 8.5

Nama      : Destaviano
Usia      : 23
Gaji      : 3000000.0
Jam Kerja : 8.5
```

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