PRAKTIKUM
PEMROGRAMAN BERORIENTASI OBJEK
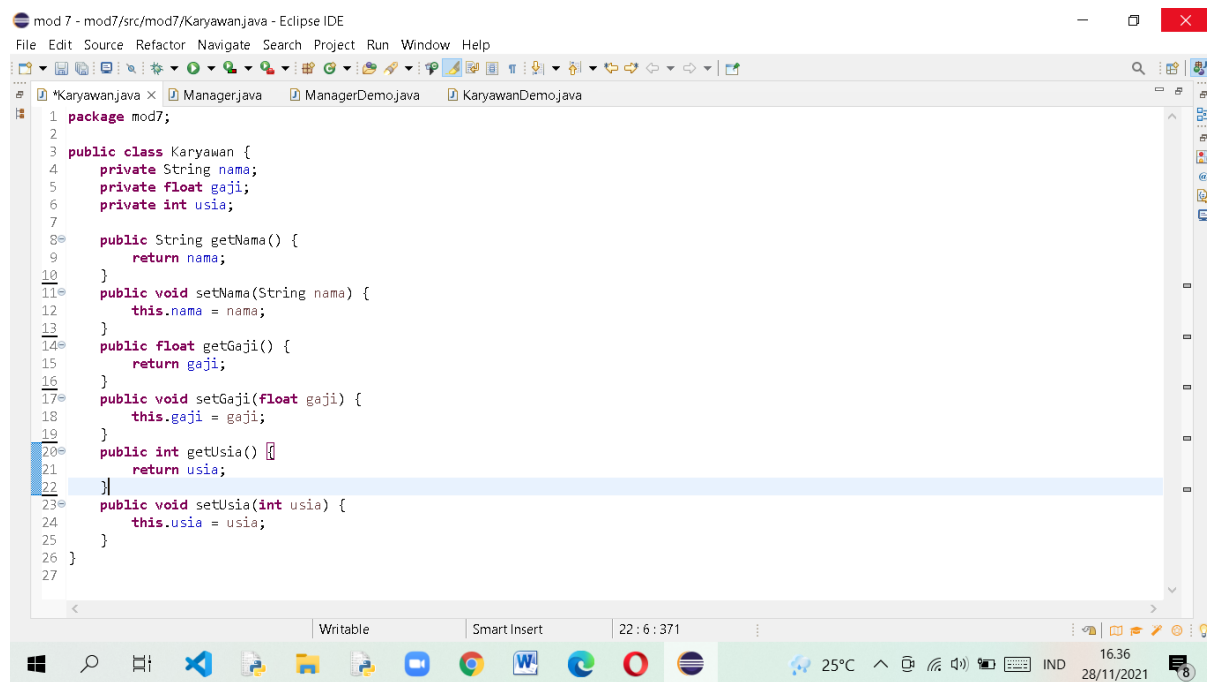# MODUL 7

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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

      ▪ Class Manager

File   Edit   Source   Refactor   Navigate   Search   Project   Run   Window   Help

*Karyawan.java   Manager.java ×   ManagerDemo.java   KaryawanDemo.java

```java
package mod7;

public class Manager extends Karyawan {
    private float jamKerja = 7.5f;

    public float getjamKerja() {
        return jamKerja ;
    }
    public void setJamkerja(float jamKerja) {
        this.jamKerja = jamKerja;
    }

    public float getGajiManager() {
        return getGaji() * 2;
    }
}
```

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- **Class ManagerDemo**

File   Edit   Source   Refactor   Navigate   Search   Project   Run   Window   Help

*Karyawan.java   Manager.java   ManagerDemo.java ×   KaryawanDemo.java

```java
package mod7;

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.setNama("Nicky Julyatrika Sari");
        m1.setUsia(23);
        m1.setGaji(1500000);
        m1.setJamkerja(8.5f);

        m2.setNama("Destaviano Aguero");
        m2.setUsia(24);
        m2.setGaji(1500000);
        m2.setJamkerja(8.5f);

        m3.setNama("Alfiandro Diego");
        m3.setUsia(23);
        m3.setGaji(1500000);
        m3.setJamkerja(8.5f);

        m4.setNama("Julya Sari");
        m4.setUsia(25);
        m4.setGaji(1500000);
```

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```java
25
26        m4.setNama("Julya Sari");
27        m4.setUsia(25);
28        m4.setGaji(1500000);
29        m4.setJamkerja(8.5f);
30
31        m5.setNama("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.getNama() + "\n"
39            + "Usia      : " + m1.getUsia() + "\n"
40            + "Gaji      : " + m1.getGajiManager() + "\n"
41            + "Jam Kerja : " + m1.getjamKerja() + "\n" +
42            " " + "\n"
43
44            + "Nama      : " + m2.getNama() + "\n"
45            + "Usia      : " + m2.getUsia() + "\n"
46            + "Gaji      : " + m2.getGajiManager() + "\n"
47            + "Jam Kerja : " + m2.getjamKerja() + "\n" +
48            "" + "\n"
49
50            + "Nama      : " + m3.getNama() + "\n"
51            + "Usia      : " + m3.getUsia() + "\n"
52            + "Gaji      : " + m3.getGajiManager() + "\n"
```

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

- Output

Problems   @ Javadoc   Declaration   Console ×

```
<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 Aguero
Usia       : 24
Gaji       : 3000000.0
Jam Kerja : 8.5

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

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

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