

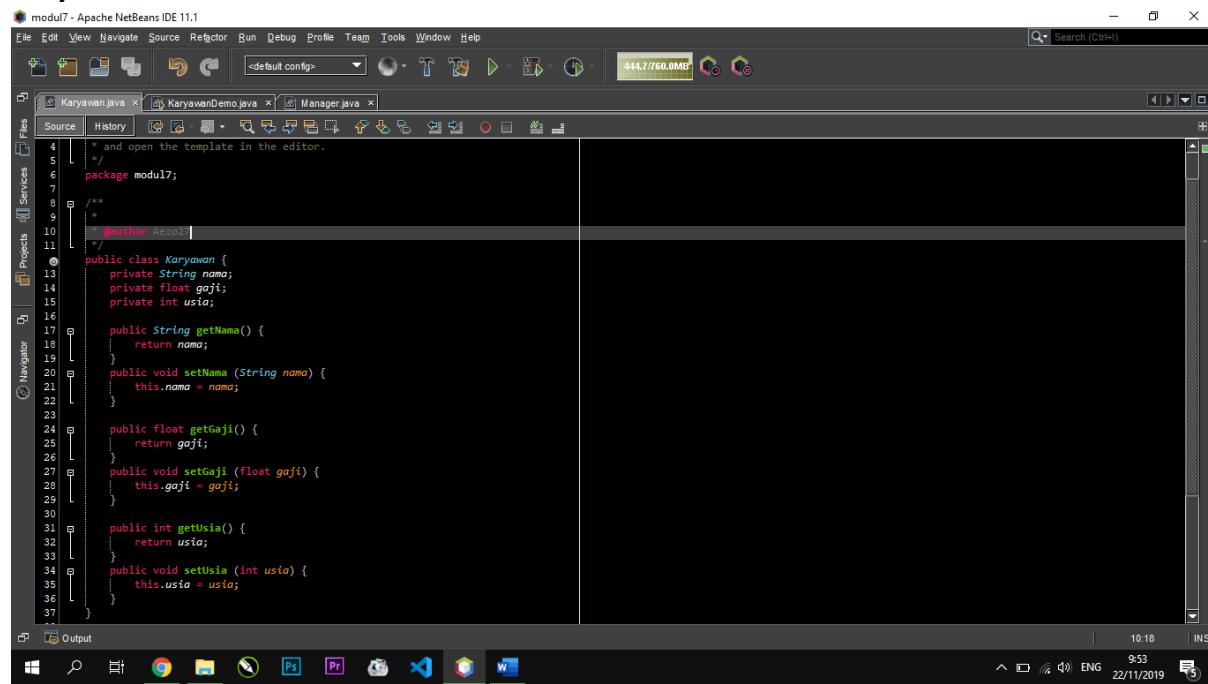
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MODUL 7

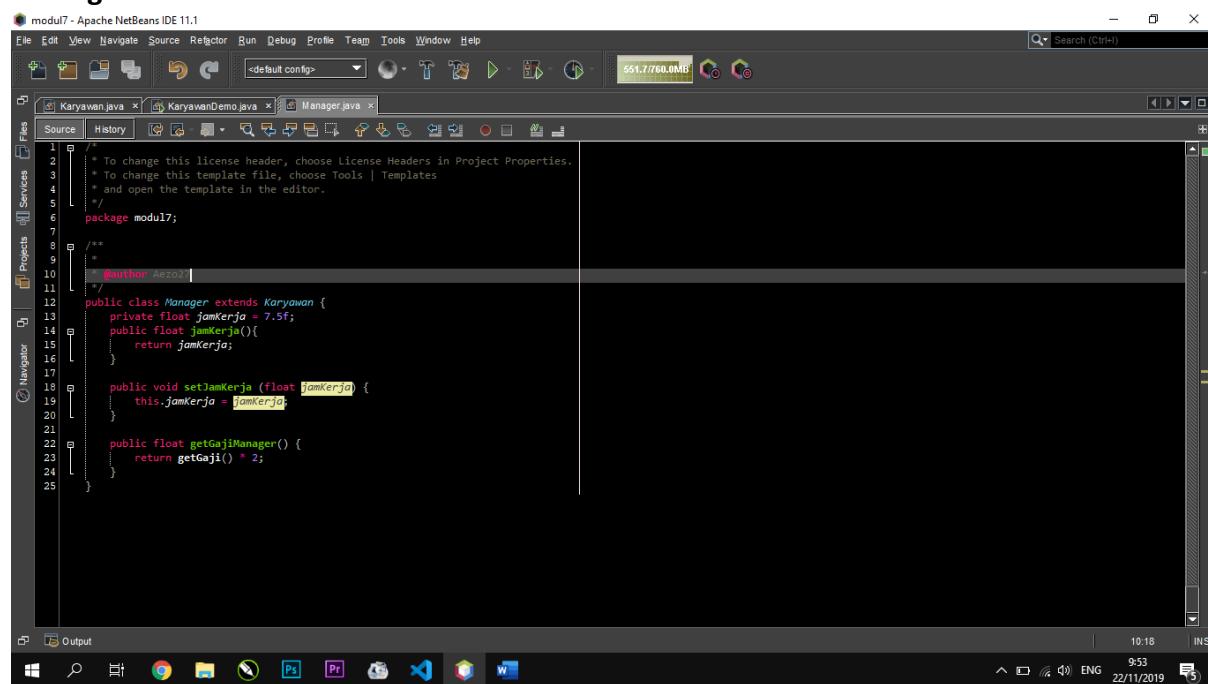
Karyawan



The screenshot shows the Apache NetBeans IDE interface with the Karyawan.java file open in the editor. The code defines a class Karyawan with private attributes nama, gaji, and usia, and public methods getName, setName, getGaji, setGaji, getUsia, and setUsia. A license header at the top of the file includes a note about changing the template file.

```
4  * and open the template in the editor.
5  */
6  package modul7;
7
8 /**
9  * 
10 * @author Aeoz
11 */
12 public class Karyawan {
13     private String nama;
14     private float gaji;
15     private int usia;
16
17     public String getName() {
18         return nama;
19     }
20     public void setName (String nama) {
21         this.nama = nama;
22     }
23
24     public float getGaji() {
25         return gaji;
26     }
27     public void setGaji (float gaji) {
28         this.gaji = gaji;
29     }
30
31     public int getUsia() {
32         return usia;
33     }
34     public void setUsia (int usia) {
35         this.usia = usia;
36     }
37 }
```

Manager



The screenshot shows the Apache NetBeans IDE interface with the Manager.java file open in the editor. The code defines a class Manager that extends Karyawan. It adds a private attribute jamKerja (set to 7.5f) and a public method getGajiManager (which returns getGaji multiplied by 2). A license header at the top of the file includes a note about changing the template file.

```
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 modul7;
6
7 /**
8  * 
9  * @author Aeoz
10 */
11 public class Manager extends Karyawan {
12     private float jamKerja = 7.5f;
13     public float jamKerja(){
14         return jamKerja;
15     }
16
17     public void setJamKerja (float jamKerja) {
18         this.jamKerja = jamKerja;
19     }
20
21     public float getGajiManager() {
22         return getGaji() * 2;
23     }
24 }
```

Demo

The screenshot shows the Apache NetBeans IDE 11.1 interface. The title bar says "modul7 - Apache NetBeans IDE 11.1". The menu bar includes File, Edit, View, Navigate, Source, Refactor, Run, Debug, Profile, Team, Tools, Window, Help. The toolbar has icons for New, Open, Save, Cut, Copy, Paste, Find, Replace, Run, Stop, and Build. The status bar at the bottom right shows "1.3 INS" and the date "22/11/2019". The code editor window displays the Karyawan.java file:

```
11
12 public class KaryawanDemo {
13
14     /**
15      * @param args the command line arguments
16     */
17     public static void main(String[] args) {
18         // TODO code application logic here
19         Karyawan k1 = new Karyawan();
20         k1.setNama("Luffy");
21         k1.setGaji(2500000);
22         k1.setUsia(21);
23         System.out.println("Nama: " + k1.getNama() + "\nGaji: " + k1.getGaji() + "\nUsia: " + k1.getUsia());
24         System.out.println("=====");
25
26         Manager k2 = new Manager();
27         k2.setNama("Rama Sullivan");
28         k2.setUsia(20);
29         k2.setGaji(2500000);
30         System.out.println("Nama: " + k2.getNama() + "\nGaji: " + k2.getGajiManager() + "\nUsia: " + k2.getUsia() + "\nJam Kerja: " + k2.jamKerja() + " Jam");
31         System.out.println("=====");
32         Manager k3 = new Manager();
33         k3.setNama("Aeso27");
34         k3.setUsia(21);
35         k3.setGaji(3000000);
36         k3.setJamKerja(8);
37         System.out.println("Nama: " + k3.getNama() + "\nGaji: " + k3.getGaji() + "\nUsia: " + k3.getUsia() + "\nJam Kerja: " + k3.jamKerja() + " Jam");
38         System.out.println("=====");
39
40         Manager k4 = new Manager();
41         k4.setNama("Dominic");
42         k4.setUsia(22);
43         k4.setGaji(1500000);
44         k4.setJamKerja(8.5F);
45
46         Manager k5 = new Manager();
47         k5.setNama("Anabele");
48         k5.setUsia(19);
49         k5.setGaji(1750000);
50         k5.setJamKerja(6.5F);
51         System.out.println("Nama: " + k5.getNama() + "\nGaji: " + k5.getGaji() + "\nUsia: " + k5.getUsia() + "\nJam Kerja: " + k5.jamKerja() + " Jam");
52         System.out.println("=====");
53
54         Manager k6 = new Manager();
55         k6.setNama("Ariel Tatum");
56         k6.setUsia(23);
57         k6.setGaji(3000000);
58         k6.setJamKerja(7);
59         System.out.println("Nama: " + k6.getNama() + "\nGaji: " + k6.getGajiManager() + "\nUsia: " + k6.getUsia() + "\nJam Kerja: " + k6.jamKerja() + " Jam");
60         System.out.println("=====");
61
62     }
63
64 }
```

The screenshot shows the Apache NetBeans IDE 11.1 interface. The title bar says "modul7 - Apache NetBeans IDE 11.1". The menu bar includes File, Edit, View, Navigate, Source, Refactor, Run, Debug, Profile, Team, Tools, Window, Help. The toolbar has icons for New, Open, Save, Cut, Copy, Paste, Find, Replace, Run, Stop, and Build. The status bar at the bottom right shows "1.3 INS" and the date "22/11/2019". The code editor window displays the Karyawan.java file:

```
45
46         Manager k4 = new Manager();
47         k4.setNama("Dominic");
48         k4.setUsia(22);
49         k4.setGaji(1500000);
50         k4.setJamKerja(8);
51         System.out.println("Nama: " + k4.getNama() + "\nGaji: " + k4.getGaji() + "\nUsia: " + k4.getUsia() + "\nJam Kerja: " + k4.jamKerja() + " Jam");
52         System.out.println("=====");
53
54         Manager k5 = new Manager();
55         k5.setNama("Anabele");
56         k5.setUsia(19);
57         k5.setGaji(1750000);
58         k5.setJamKerja(6.5F);
59         System.out.println("Nama: " + k5.getNama() + "\nGaji: " + k5.getGaji() + "\nUsia: " + k5.getUsia() + "\nJam Kerja: " + k5.jamKerja() + " Jam");
60         System.out.println("=====");
61
62     }
63
64 }
```

The screenshot shows the Apache NetBeans IDE 11.1 interface. The title bar says "modul7 - Apache NetBeans IDE 11.1". The menu bar includes File, Edit, View, Navigate, Source, Refactor, Run, Debug, Profile, Team, Tools, Window, Help. The toolbar has icons for New, Open, Save, Cut, Copy, Paste, Find, Replace, Run, Stop, and Build. The status bar at the bottom right shows "1.3 INS" and the date "22/11/2019". The Output window displays the build log:

```
run:
Nama: Luffy
Gaji: 2500000.0
Usia: 21
=====
Nama: Rama Sullivan
Gaji: 5000000.0
Usia: 20
Jam Kerja: 7.5 Jam
=====
Nama: Aeso27
Gaji: 3000000.0
Usia: 21
Jam Kerja: 8.0 Jam
=====
Nama: Dominic
Gaji: 1500000.0
Usia: 22
Jam Kerja: 8.5 Jam
=====
Nama: Anabele
Gaji: 1750000.0
Usia: 19
Jam Kerja: 6.5 Jam
=====
Nama: Ariel Tatum
Gaji: 6000000.0
Usia: 23
Jam Kerja: 9.0 Jam
=====
BUILD SUCCESSFUL (total time: 1 second)
```