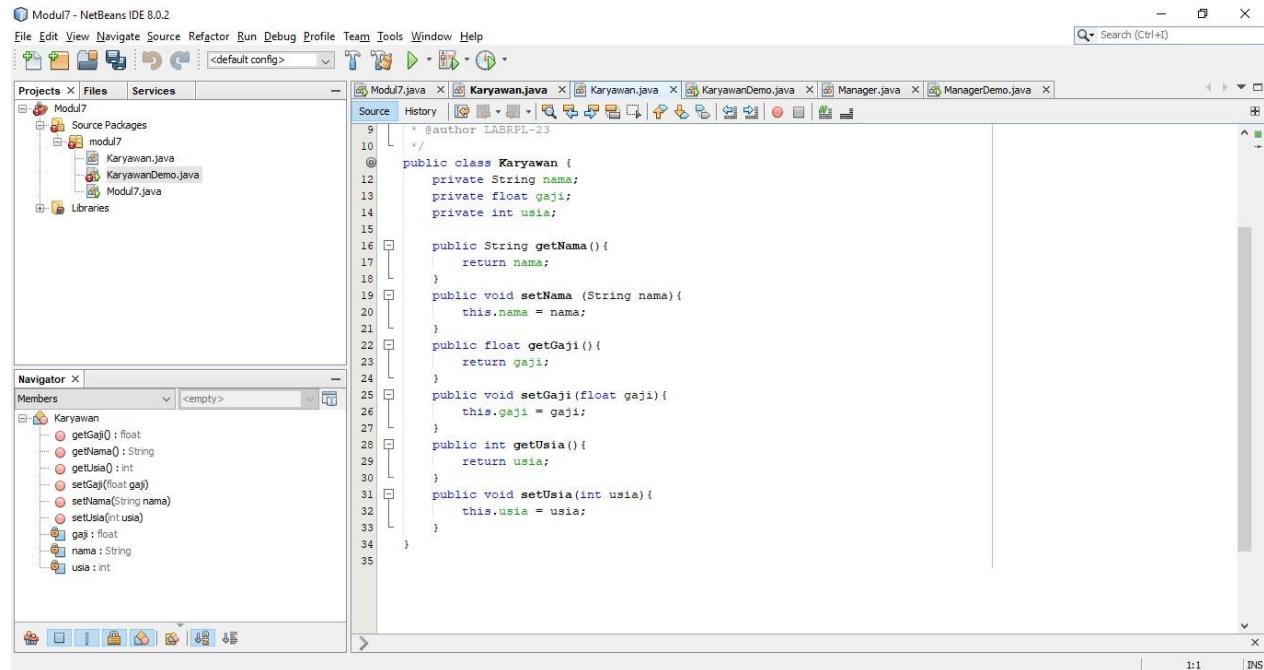


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## 7.2 Latihan

### □ Karyawan



The screenshot shows the NetBeans IDE interface with the following details:

- Project Explorer:** Shows a project named "Modul7" containing a source package "modul7" with files "Karyawan.java" and "KaryawanDemo.java", and a "Modul7.java" file.
- Code Editor:** Displays the "Karyawan.java" code. The code defines a class "Karyawan" with private attributes "nama", "gaji", and "usia". It includes getters and setters for each attribute.
- Navigator:** Shows the members of the "Karyawan" class, including methods like "getGaji()", "getNama()", "getUsia()", "setGaji()", "setNama()", and "setUsia()".
- Toolbar:** Standard NetBeans toolbar with icons for file operations, search, and run.
- Status Bar:** Shows "1:1" and "INS" status.

```
* @author LABRPL-23
*/
public class Karyawan {
    private String nama;
    private float gaji;
    private int usia;

    public String getNama(){
        return nama;
    }
    public void setNama (String nama){
        this.nama = nama;
    }
    public float getGaji(){
        return gaji;
    }
    public void setGaji(float gaji){
        this.gaji = gaji;
    }
    public int getUsia(){
        return usia;
    }
    public void setUsia(int usia){
        this.usia = usia;
    }
}
```

### □ KaryawanDemo

Modul7 - NetBeans IDE 8.0.2

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

Projects Files Services

Modul7

Source Packages

modul7

Karyawan.java

KaryawanDemo.java

Modul7.java

Libraries

Navigator X

Members <empty>

KaryawanDemo

main(string[] args)

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
6 /**
7 *
8 * @author LABRPL-23
9 */
10 public class KaryawanDemo {
11     public static void main(String[] args){
12         Karyawan k = new Karyawan();
13         k.setNama("Akbar");
14         k.setGaji(2500000);
15         k.setUsia(19);
16         System.out.println(k.getNama());
17         System.out.println(k.getGaji());
18         System.out.println(k.getUsia());
19     }
20 }
21
22 }
```

22:1 INS

## □ Manager

Modul7 - NetBeans IDE 8.0.2

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

Projects Files Services

Modul7

Source Packages

modul7

Karyawan.java

KaryawanDemo.java

Manager.java

ManagerDemo.java

Modul7.java

Libraries

Manager - Navigator X

Members <empty>

Manager :: Karyawan

SetjamKerja(float jamKerja)

getGajiManager(): float

jamKerja0 : int

jamKerja : float

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-23
10 */
11 public class Manager extends Karyawan{
12     private float jamKerja = 7.5f;
13
14     public int jamKerja(){
15         return (int)jamKerja;
16     }
17     public float getGajiManager(){
18         return getGaji()*2;
19     }
20     public void SetjamKerja(float jamKerja){
21         this.jamKerja = jamKerja;
22     }
23 }
```

1:1 INS

## □ ManagerDemo

Modul7 - NetBeans IDE 8.0.2

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

Projects Files Services

Modul7

Source Packages

modul7

Karyawan.java

KaryawanDemo.java

Modul7.java

Libraries

main - Navigator

Members <empty>

ManagerDemo

main(String[] args)

Source History

```
11 public class ManagerDemo {  
12     public static void main(String[] args){  
13         Manager m1 = new Manager();  
14         Manager m2 = new Manager();  
15         Manager m3 = new Manager();  
16         Manager m4 = new Manager();  
17         Manager m5 = new Manager();  
18  
19         m1.setNama ("Akbar");  
20         m1.setGaji(200000);  
21         m1.setUsia(19);  
22         m1.setjamKerja(8.5f);  
23         System.out.println("Manager 1:"+ m1.getNama());  
24         System.out.println("Gaji Manager 1:"+ m1.getGajiManager());  
25         System.out.println("Usia Manager 1:"+ m1.getUsia());  
26         System.out.println("Jam Kerja:"+ m1.jamKerja());  
27  
28         m2.setNama ("Deni");  
29         m2.setGaji(250000);  
30         m2.setUsia(19);  
31         m2.setjamKerja(8.5f);  
32         System.out.println("Manager 2:"+ m2.getNama());  
33         System.out.println("Gaji Manager 2:"+ m2.getGajiManager());  
34         System.out.println("Usia Manager 2:"+ m2.getUsia());  
35         System.out.println("Jam Kerja:"+ m2.jamKerja());  
36  
37         m3.setNama ("Doni");  
38         m3.setGaji(1950000);  
39         m3.setUsia(19);  
40         m3.setjamKerja(8.5f);  
41         System.out.println("Manager 3:"+ m3.getNama());
```

ManagerDemo > main >

Modul7 - NetBeans IDE 8.0.2

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

Projects Files Services

Modul7

Source Packages

modul7

Karyawan.java

KaryawanDemo.java

Modul7.java

Libraries

main - Navigator

Members <empty>

ManagerDemo

main(String[] args)

Source History

```
42         System.out.println("Gaji Manager 3:"+ m3.getGajiManager());  
43         System.out.println("Usia Manager 3:"+ m3.getUsia());  
44         System.out.println("Jam Kerja:"+ m3.jamKerja());  
45  
46         m4.setNama ("Dani");  
47         m4.setGaji(2100000);  
48         m4.setUsia(19);  
49         m4.setjamKerja(8.5f);  
50         System.out.println("Manager 4:"+ m4.getNama());  
51         System.out.println("Gaji Manager 4:"+ m4.getGajiManager());  
52         System.out.println("Usia Manager 4:"+ m4.getUsia());  
53         System.out.println("Jam Kerja:"+ m4.jamKerja());  
54  
55         m5.setNama ("Aba");  
56         m5.setGaji(50000);  
57         m5.setUsia(19);  
58         m5.setjamKerja(8.5f);  
59         System.out.println("Manager 5:"+ m5.getNama());  
60         System.out.println("Gaji Manager 5:"+ m5.getGajiManager());  
61         System.out.println("Usia Manager 5:"+ m5.getUsia());  
62         System.out.println("Jam Kerja:"+ m5.jamKerja());  
63     }  
64  
65 }  
66 }
```

ManagerDemo > main >

RUN

Modul7 - NetBeans IDE 8.0.2

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

Projects X Files Services

Source History

System.out.println("Name Manager : "+ m5.getNama());  
m5.setNama("Abas");  
m5.setGaji(50000);  
m5.setUsia(19);  
m5.setJamKerja(8.5f);  
System.out.println("Manager S:"+ m5.getNama());  
System.out.println("Gaji Manager S:"+ m5.getGajiManager());  
System.out.println("Usia Manager S:"+ m5.getUsia());  
System.out.println("Jam Kerja:"+ m5.jamKerja());

Navigator X

Members <empty>

ManagerDemo  
main(String[] args)

Output - Modul7 (run) X

run:  
Akbar  
3500000.0  
Exception in thread "main" java.lang.RuntimeException: Uncompilable source code - Erroneous tree type: <any>  
| at modul7.KaryawanDemo.main(KaryawanDemo.java:21)  
Java Result: 1  
BUILD SUCCESSFUL (total time: 6 seconds)

63:5 INS

The screenshot shows the NetBeans IDE interface with the following details:

- Project:** Modul7
- Code Editor:** Displays Java code related to Manager and Karyawan classes.
- Output Window:** Shows a runtime exception and a successful build message.