

Nama : Restu Lestari Mulianingrum

NIM : A11.2022.14668

Kelompok : A11.4415

## PRAKTIKUM 6

### Package

#### Latihan 1



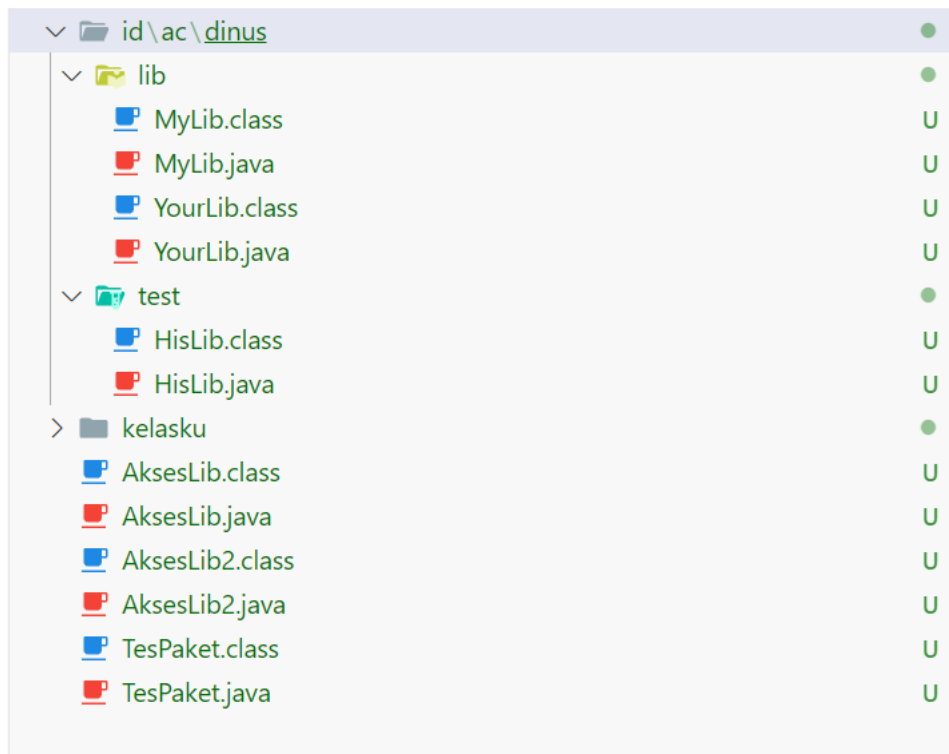
| Budi.java  | Joko.java   |
|--|---|
| <pre>package kelasku;  public class Budi {     public void info(){         System.out.println("Kelas Budi");     } }</pre>   | <pre>package kelasku;  public class Joko{     public void info(){         System.out.println("Kelas Joko");     } }</pre> |
| TestPaket.java   |   |
| <pre>import kelasku.Budi; import kelasku.Joko;  public class TesPaket {     public static void main(String[] args) {         Budi ObjectBudi = new Budi();         ObjectBudi.info();         Joko objectJoko = new Joko();         objectJoko.info();     } }</pre> |   |
| Output   |   |

```

Windows PowerShell
PS D:\Kuliah\Semester 4\PBO\PBO\PRAKTIKUM_6_PBO> javac TesPaket.java
PS D:\Kuliah\Semester 4\PBO\PBO\PRAKTIKUM_6_PBO> java TesPaket
Kelas Budi
Kelas Joko
PS D:\Kuliah\Semester 4\PBO\PBO\PRAKTIKUM_6_PBO> |

```

## Latihan 2



### a. Lib

| MyLib.java   | YourLib.java  |
|--|---|
| <pre> package id.ac.dinus.lib;  public class MyLib{     public void cetak(){         System.out.println("MyLib. Cetak.....");     } } </pre> | <pre> package id.ac.dinus.lib;  public class YourLib{     public void cetak2(){         System.out.println("cetak your lib.....");     } } </pre> |

### b. Test

| HisLib.java  |
|--|
| <pre>package id.ac.dinus.test; import id.ac.dinus.lib.*;  public class HisLib{     public void cetak3(){         MyLib m = new MyLib();         m.cetak();         System.out.println("his lib cetak().....");     } }</pre> |

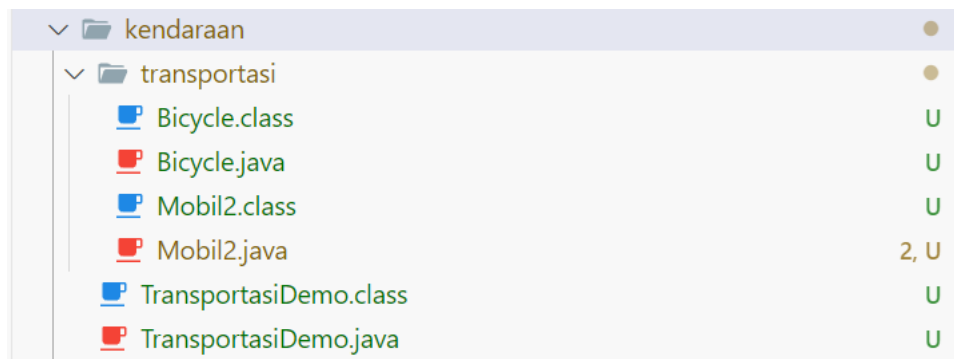
c. Main folder/direktori

| AksesLib.java  | AksesLib2.java  |
|--|---|
| <pre>import id.ac.dinus.lib.*; import id.ac.dinus.test.*;  public class AksesLib{     public static void main(String[] a){     MyLib m = new MyLib();     m.cetak();     YourLib y = new YourLib();     y.cetak2();     HisLib h = new HisLib();     h.cetak3();     } }</pre> | <pre>import id.ac.dinus.lib.MyLib; //langsung ke class import id.ac.dinus.lib.YourLib; import id.ac.dinus.test.*;  public class AksesLib2{     public static void main(String[] a){     MyLib m = new MyLib();     m.cetak();     YourLib y = new YourLib();     y.cetak2();     HisLib h = new HisLib();     h.cetak3();     } }</pre> |

d. Output

```
Windows PowerShell
PS D:\Kuliah\Semester 4\PBO\PBO\PRAKTIKUM_6_PBO> javac AksesLib.java
PS D:\Kuliah\Semester 4\PBO\PBO\PRAKTIKUM_6_PBO> java AksesLib
MyLib.Cetak.....
cetak your lib.....
MyLib.Cetak.....
his lib cetak().....
PS D:\Kuliah\Semester 4\PBO\PBO\PRAKTIKUM_6_PBO> javac AksesLib2.java
PS D:\Kuliah\Semester 4\PBO\PBO\PRAKTIKUM_6_PBO> java AksesLib2
MyLib.Cetak.....
cetak your lib.....
MyLib.Cetak.....
his lib cetak().....
PS D:\Kuliah\Semester 4\PBO\PBO\PRAKTIKUM_6_PBO> |
```

### Latihan 3



#### Bicycle.java

```
package transportasi;

public class Bicycle {
    int speed = 0;
    int gear = 0;

    //method
    public void changeGear(int newValue) {
        gear = gear + newValue;
        System.out.println(" \nGear      : "+gear);
    }

    public void speedUp(int increment) {
        speed = speed + increment;
        System.out.println(" \nSpeed    : "+speed);
    }
}
```

#### Mobil2.java

```
package transportasi;

public class Mobil2{
    public int roda = 4;
    public int body = 1;
    public int mesin = 1;
    public void maju(){
        System.out.println("Maju .....");
    }
    public void mundur(){
        System.out.println("Mundur .....");
    }
    public void belok(){
        System.out.println("Belok.....");
    }
    public void hidup(String nama){
```

```

        System.out.println("Hidupkan Mobil : "+nama);
    }
    public void mati(String nama){
        System.out.println("Matikan Mobil : "+nama);
    }
    public void ubahGigi(String nama){
        System.out.println("Ubah Gigi Mobil : "+nama);
    }
}

```

### TransportasiDemo.java

```

import transportasi.Bicycle;
import transportasi.Mobil2;

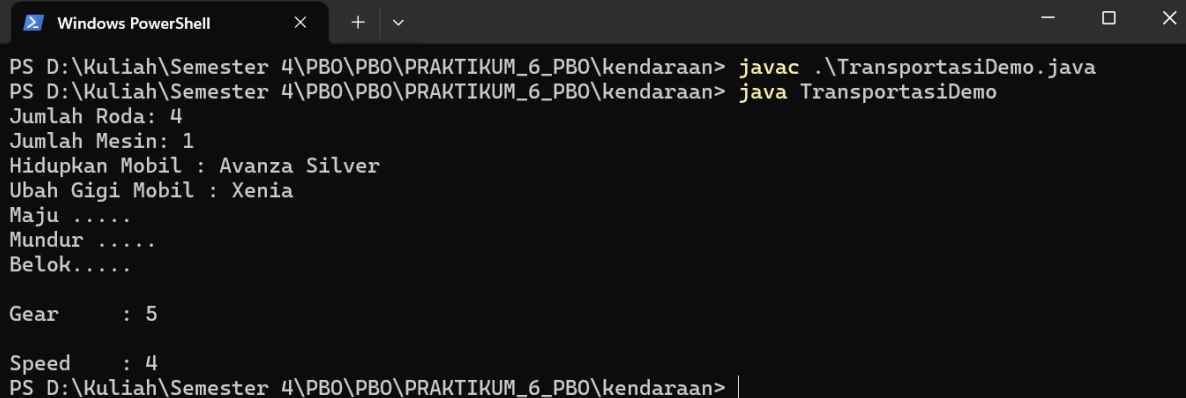
public class TransportasiDemo {
    public static void main(String[] args) {
        Mobil2 avanza = new Mobil2();
        Bicycle sepeda = new Bicycle();

        System.out.println("Jumlah Roda: " + avanza.roda);
        System.out.println("Jumlah Mesin: " + avanza.mesin);
        avanza.hidup("Avanza Silver");
        avanza.ubahGigi("Xenia");
        avanza.maju();
        avanza.mundur();
        avanza.belok();

        sepeda.changeGear(5);
        sepeda.speedUp(4);
    }
}

```

### Output



```

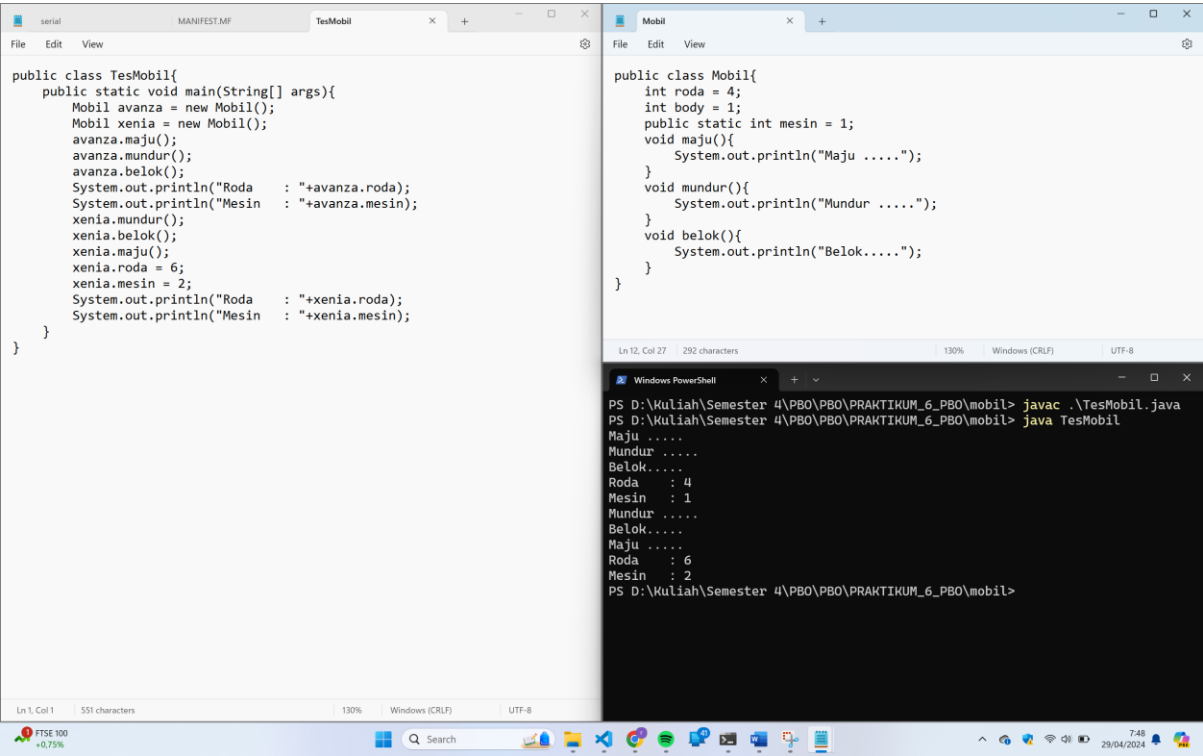
Windows PowerShell
PS D:\Kuliah\Semester 4\PBO\PBO\PRAKTIKUM_6_PBO\kendaraan> javac .\TransportasiDemo.java
PS D:\Kuliah\Semester 4\PBO\PBO\PRAKTIKUM_6_PBO\kendaraan> java TransportasiDemo
Jumlah Roda: 4
Jumlah Mesin: 1
Hidupkan Mobil : Avanza Silver
Ubah Gigi Mobil : Xenia
Maju .....
Mundur .....
Belok.....

Gear      : 5

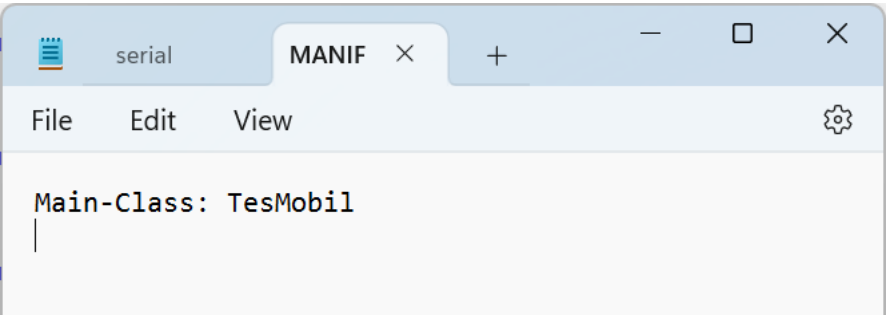
Speed     : 4
PS D:\Kuliah\Semester 4\PBO\PBO\PRAKTIKUM_6_PBO\kendaraan> |

```

Latihan 4



| Name           | Date modified    | Type                | Size |
|----------------|------------------|---------------------|------|
| META-INF       | 26/04/2024 17:05 | File folder         |      |
| TesMobil.class | 29/04/2024 7:38  | CLASS File          | 2 KB |
| Mobil.class    | 29/04/2024 7:38  | CLASS File          | 1 KB |
| Mobil          | 29/04/2024 7:39  | Executable Jar File | 2 KB |



```
Windows PowerShell
PS D:\Kuliah\Semester 4\PBO\PBO\PRAKTIKUM_6_PBO\mobil> java -jar Mobil.jar
Maju .....
Mundur .....
Belok.....
Roda      : 4
Mesin     : 1
Mundur .....
Belok.....
Maju .....
Roda      : 6
Mesin     : 2
PS D:\Kuliah\Semester 4\PBO\PBO\PRAKTIKUM_6_PBO\mobil> |
```