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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>

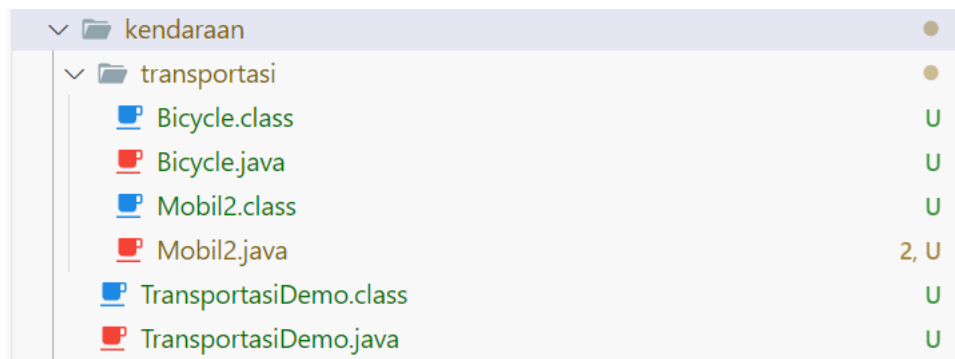
c. Main folder/direktori

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{
    private int roda = 4;
    private int body = 1;
    static 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);
    }
    public void setRoda(int roda){
        this.roda = roda;
    }
    public int getRoda(){
        return roda;
    }
    public void setMesin(int mesin){
        this.mesin = mesin;
    }
    public int getMesin(){
        return mesin;
    }
}

```

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();

        avanza.setRoda(4);
        avanza.setMesin(1);
        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> cd .\kendaraan\
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
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

```
serial MANIFEST.MF TesMobil
File Edit View
public class TesMobil{
    public static void main(String[] args){
        Mobil avanza = new Mobil();
        Mobil xenia = new Mobil();
        avanza.maju();
        avanza.mundur();
        avanza.belok();
        System.out.println("Roda      : "+avanza.roda);
        System.out.println("Mesin    : "+avanza.mesin);
        xenia.mundur();
        xenia.belok();
        xenia.maju();
        xenia.roda = 6;
        xenia.mesin = 2;
        System.out.println("Roda      : "+xenia.roda);
        System.out.println("Mesin    : "+xenia.mesin);
    }
}
Ln 1, Col 1 551 characters 130% Windows (CRLF) UTF-8

Mobil
File Edit View
public class Mobil{
    int roda = 4;
    int body = 1;
    public static int mesin = 1;
    void maju(){
        System.out.println("Maju .....");
    }
    void mundur(){
        System.out.println("Mundur .....");
    }
    void belakang(){
        System.out.println("Belok.....");
    }
}
Ln 12, Col 27 292 characters 130% Windows (CRLF) UTF-8

Windows PowerShell
PS D:\Kuliah\Semester 4\PBO\PBO\PRAKTIKUM_6_PBO\mobil> javac .\TesMobil.java
PS D:\Kuliah\Semester 4\PBO\PBO\PRAKTIKUM_6_PBO\mobil> java TesMobil
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>
```

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

