

Nama : Ryandhika Bintang Abiyyi

NIM : A11.2021.13498

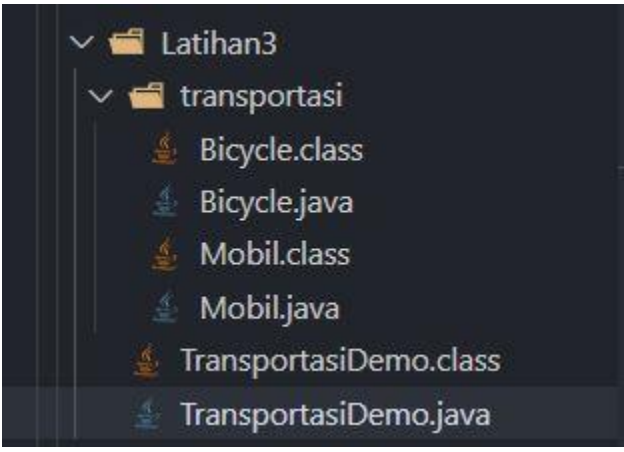
Kelp : A11.4404

Keperluan : Tugas Praktek 3 – Package dan Import

**Outout Program :**

```
PS D:\Pendidikan\UDINUS\SMT4\Pemrograman Berorientasi Objek 4404\PBO-Java-4404> cd "d:\Pendidikan\UDINUS\SMT4\uan06-04April23\Praktikum\PackageClass\Latihan3\" ; if ($?) { javac TransportasiDemo.java } ; if ($?) { java
=== KETERANGAN MOBIL ===
Warna Mobil 1 : Hitam
Tahun Mobil 1 : 2003
=== BEHAVIOUR MOBIL ===
Mobil dalam posisi menyala
Gigi Sekarang : 1
Gigi Sekarang : 2
Gigi Sekarang : 3
Gigi Sekarang : 2
Gigi Sekarang : 1
Gigi Sekarang : 0
Mobil dalam posisi mati
===== Bicycle =====
Gigi Sekarang : 1
Speed Sekarang : 10
Speed Sekarang : 20
Gigi Sekarang : 2
Speed Sekarang : 30
Speed Sekarang : 40
Speed Sekarang : 50
Gigi Sekarang : 1
Speed Sekarang : 40
Speed Sekarang : 30
Speed Sekarang : 20
Gigi Sekarang : 0
Speed Sekarang : 10
Speed Sekarang : 0
```

**Struktur File**



## TransportasiDemo.java (Main File / Parent File)

```
1  ↵
2  /*↵
3   *·PB0·-·Pak·Danny·Oka↵
4   *·Author·:·Ryandhika·Bintang↵
5   *·Nim·:·A11.2021.13498↵
6   *·A11.4404↵
7   */↵
8  ↵
9  import transportasi.*;↵
10 ↵
11 public class TransportasiDemo{↵
12     ····public static void main(String[] args){↵
13         ······//·Membuat·Object↵
14         ······Mobil mobil1=new Mobil();↵
15     ↵
16         ······//·Memanggil·atribut↵
17         ······mobil1.warna="Hitam";↵
18         ······mobil1.tahun_produksi=2003;↵
19     ↵
20         ······System.out.println("===·KETERANGAN·MOBIL·===");↵
21         ······System.out.println("Warna·Mobil·1·:·"+mobil1.warna);↵
22         ······System.out.println("Tahun·Mobil·1·:·"+mobil1.tahun_produksi);↵
23         ······System.out.println("===·BEHAVIOUR·MOBIL·===");↵
24         ······//·nyalakan·mesin·mobil↵
25         ······mobil1.hidupkan_mobil();↵
26     ↵
27         ······//·atur·porsneling·/·gigi·mobil↵
28         ······mobil1.tambah_gigi();↵
29         ······mobil1.tambah_gigi();↵
30         ······mobil1.tambah_gigi();↵
31         ······mobil1.kurang_gigi();↵
32         ······mobil1.kurang_gigi();↵
33         ······mobil1.kurang_gigi();↵
34     ↵
35         ······//·matikan·mesin·mobil↵
36         ······mobil1.matikan_mobil();↵
37     ↵
38         ······//·Bicycle·Class↵
39         ······System.out.println("=====·Bicycle·=====");↵
40         ······Bicycle bicycle=new Bicycle();↵
41         ······bicycle.inGear();↵
42         ······bicycle.inSpeed();↵
43         ······bicycle.inSpeed();↵
44         ······bicycle.inGear();↵
45         ······bicycle.inSpeed();↵
46         ······bicycle.inSpeed();↵
47         ······bicycle.inSpeed();↵
48         ······bicycle.disGear();↵
49         ······bicycle.disSpeed();↵
50         ······bicycle.disSpeed();↵
51         ······bicycle.disSpeed();↵
52         ······bicycle.disGear();↵
53         ······bicycle.disSpeed();↵
54         ······bicycle.disSpeed();↵
55     ····}↵
56 }
```

## Bicycle.java (Sebagai Modeling Bicycle terhadap object yang dibuat)

```
1  ↵
2  /*↵
3   * PBO -- Pak Danny Oka↵
4   * Author :: Ryandhika Bintang↵
5   * Nim :: A11.2021.13498↵
6   * A11.4404↵
7   */↵
8  ↵
9  package transportasi;↵
10 ↵
11 public class Bicycle {↵
12     public int gear = 0;↵
13     public int speed = 0;↵
14 ↵
15     public void inGear() {↵
16         gear++;↵
17         System.out.println("Gigi Sekarang :: " + gear);↵
18     }↵
19 ↵
20     public void disGear() {↵
21         gear--;↵
22         System.out.println("Gigi Sekarang :: " + gear);↵
23     }↵
24 ↵
25     public void inSpeed() {↵
26         speed += 10;↵
27         System.out.println("Speed Sekarang :: " + speed);↵
28     }↵
29 ↵
30     public void disSpeed() {↵
31         speed -= 10;↵
32         System.out.println("Speed Sekarang :: " + speed);↵
33     }↵
34 ↵
35 }↵
36
```

## Mobil.java (Sebagai Modeling Mobil terhadap object yang dibuat)

```
1  ↵
2  /*↵
3   **·PB0·-·Pak·Danny·Oka↵
4   **·Author·:·Ryandhika·Bintang↵
5   **·Nim·:·A11.2021.13498↵
6   **·A11.4404↵
7   */↵
8  ↵
9  package transportasi;↵
10 ↵
11 public class Mobil {↵
12     ····public String warna·=·"";↵
13     ····public int tahun_produksi·=·0;↵
14     ····public int gigi·=·0;↵
15     ····public boolean kondisi_mobil·=·false;↵
16 ↵
17     ····public void tambah_gigi() {↵
18         ······gigi++;↵
19         ······System.out.println("Gigi·Sekarang·:"·+·gigi);↵
20     }↵
21 ↵
22     ····public void kurang_gigi() {↵
23         ······gigi--;↵
24         ······System.out.println("Gigi·Sekarang·:"·+·gigi);↵
25     }↵
26 ↵
27     ····public void hidupkan_mobil() {↵
28         ······kondisi_mobil·=·true;↵
29         ······if (kondisi_mobil) {↵
30             ········System.out.println("Mobil·dalam·posisi·menyala");↵
31         }·else {↵
32             ········System.out.println("Mobil·dalam·posisi·mati");↵
33         }↵
34     }↵
35 ↵
36     ····public void matikan_mobil() {↵
37         ······kondisi_mobil·=·false;↵
38         ······if (kondisi_mobil) {↵
39             ········System.out.println("Mobil·dalam·posisi·menyala");↵
40         }·else {↵
41             ········System.out.println("Mobil·dalam·posisi·mati");↵
42         }↵
43     }↵
44 }↵
45
```