

Tugas Inheritance  
Pemrograman Berbasis Objek

Fawwas Nawwaf Sabil – 223040114

[https://github.com/FawwasSabil25/PBO\\_223040114/tree/main/src/Pertemuan10](https://github.com/FawwasSabil25/PBO_223040114/tree/main/src/Pertemuan10)

- JenisKendaraan.java

```
1  package Pertemuan10.Tugas;
2
3  public class JenisKendaraan {
4      protected String tipe;
5      protected String merk;
6
7      public JenisKendaraan(String tipe, String merk){
8          this.tipe = tipe;
9          this.merk = merk;
10     }
11
12     public String getTipe(){
13         return tipe;
14     }
15
16     public String getMerk(){
17         return merk;
18     }
19 }
20
```

- Kendaraan.java

```
1 package Pertemuan10.Tugas;
2
3 public class Kendaraan extends JenisKendaraan{
4     private int jmlahRoda;
5     private String warna;
6
7     public Kendaraan(int jmlahRoda, String warna, String tipe, String merk){
8         super(tipe, merk);
9         setJmlahRoda(jmlahRoda);
10        setWarna(warna);
11    }
12
13    public int getJmlahRoda(){
14        return jmlahRoda;
15    }
16
17    public String getWarna(){
18        return warna;
19    }
20
21    public void setJmlahRoda(int jmlahRoda){
22        this.jmlahRoda = jmlahRoda;
23    }
24
25    public void setWarna(String warna){
26        this.warna = warna;
27    }
28 }
29
```

- Mobil.java

```
1 package Pertemuan10.Tugas;
2
3 public class Mobil extends Kendaraan{
4     private String platNomor;
5
6     public Mobil(String platNomor, int jmlahRoda, String warna, String tipe, String merk){
7         super(jmlahRoda, warna, tipe, merk);
8         setPlatNomor(platNomor);
9     }
10
11    public String getPlatNomor(){
12        return platNomor;
13    }
14
15    public void setPlatNomor(String platNomor){
16        this.platNomor = platNomor;
17    }
18 }
19
```

- InheretanceMain.java

```
1 package Pertemuan10.Tugas;
2
3 public class InheretenceMain {
4     Run | Debug
5     public static void main(String[] args) {
6         Mobil mbl = new Mobil(platNomor:"B 86 GT", jmlahRoda:4, warna:"Biru", tipe:"ZN6", merk:"Toyota");
7         System.out.println(mbl.getTipe()+
8             "-" + mbl.getMerk()+
9             "-" + mbl.getJmlahRoda()+
10            "-" + mbl.getWarna()+
11            "-" + mbl.getPlatNomor());
12     }
13 }
```

Output :

```
0.Tugas.InheretenceMain'
ZN6-Toyota-4-Biru-B 86 GT
PS C:\Users\ASUS\Documents\Kulyeah\Semester 4\PB0 (vsCode)>
```