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Mata Kuliah : Pemrograman Berorientasi Objek (PBO)

1. Source Code & Output Class Animal
   - Class Animal

1.	public class Animal {
2.	double height;
3.	double weight;
4.	int age;
5.	
6.	void move() {
7.	System.out.println("Hewan bisa bergerak");
8.	}
9.	
10.	void eat() {
11.	System.out.println("Hewan butuh makan");
12.	}
13.	
14.	void breath() {
15.	System.out.println("Hewan bernafas");
16.	}
17.	}

   - Class AnimalMain

1.	public class AnimalMain {
2.	public static void main (String[] args) {
3.	Animal rabbit = new Animal();
4.	

5.	rabbit.height = 40.5;
6.	rabbit.weight = 7;
7.	rabbit.age = 2;
8..	
9.	System.out.println("Tinggi kelinci: "+rabbit.height+" cm.");
10.	System.out.println("Berat kelinci: "+rabbit.weight+" kg.");
11.	System.out.println("Usia kelinci: "+rabbit.age+" tahun.");
12.	
13.	rabbit.breath();
14.	}
15.	}

Output AnimalMain :

```
MacBook-Airs-MacBook-Air:Latihan
va AnimalMain
Tinggi kelinci: 40.5 cm.
Berat kelinci: 7.0 kg.
Usia kelinci: 2 tahun.
Hewan bernafas
```

2. Source Code & Output Class Car
   - Class Car

1.	public class Car {
2.	int Byear;
3.	String Model;
4.	int NoP;
5.	String name;
6.	
7.	void detail() {
8.	System.out.println("Mobil "+this.name);
9.	System.out.println("Tahun pembuatan: "+ this.Byear);
10.	System.out.println("Model: "+ this.Model);

11.	System.out.println("Jumlah penumpang: "+ this.NoP);
12.	}
13.	
14.	void stop() {
15.	System.out.println("Mobil memiliki sistem pengereman untuk berhenti.");
16.	}
17.	}

- Class CarMain

1.	public class CarMain {
2.	public static void main(String[] args) {
3.	Car car1 = new Car();
4.	Car car2 = new Car();
5.	
6.	car1.name = "car1";
7.	car1.Byear = 2000;
8.	car1.Model = "sedan";
9.	car1.NoP = 4;
10.	car1.detail();
11.	
12.	car1.name = "car2";
13.	car1.Byear = 2005;
14.	car1.Model = "MPV";
15.	car1.NoP = 7;
16.	car1.detail();
17.	car2.stop();
18.	}
19.	}

Output CarMain :

```
MacBook-Airs-MacBook-Air:Latihan 1 macbookair$ cd
arMain
Mobil car1
Tahun pembuatan: 2000
Model: sedan
Jumlah penumpang: 4
Mobil car2
Tahun pembuatan: 2005
Model: MPV
Jumlah penumpang: 7
Mobil memiliki sistem pengereman untuk berhenti.
```
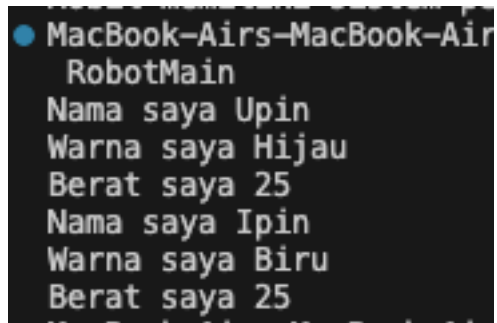
3. Source Code & Output Class Robot
   - Class Robot

1.	public class Robot {
2.	String nama;
3.	String warna;
4.	int berat;
5.	
6.	void PerkenalanDiri() {
7.	System.out.println("Nama saya "+this.nama);
8.	System.out.println("Warna saya "+this.warna);
9.	System.out.println("Berat saya "+this.berat);
10.	}
11.	}

   - Class RobotMain (instance object : robot1 & robot2)

1.	public class RobotMain {
2.	public static void main(String[] args) {
3.	Robot robot1 = new Robot();
4.	Robot robot2 = new Robot();

5.	
6.	robot1.nama = "Upin";
7.	robot1.warna = "Hijau";
8.	robot1.berat = 25;
9.	
10.	robot2.nama = "Ipin";
11.	robot2.warna = "Biru";
12.	robot2.berat = 25;
13.	
14.	robot1.PerkenalanDiri();
15.	robot2.PerkenalanDiri();
16.	}
17.	}

Output RobotMain :

```
● MacBook-Airs-MacBook-Air
   RobotMain
 Nama saya Upin
 Warna saya Hijau
 Berat saya 25
 Nama saya Ipin
 Warna saya Biru
 Berat saya 25
```