# Matakuliah Pemrograman Berbasis Objek


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- Computer

```
public abstract class Computer{
    protected String ipAddress = "192.168.72";
    protected int cpuClock = 5;
    protected int memory = 8;
    protected int storage = 512;

    public void getInfo(){
        System.out.println("ipAddress:"+ ipAddress);
        System.out.println("cpuClock:"+ cpuClock);
        System.out.println("Memory:"+ memory);
        System.out.println("Storage:"+storage);
    }
}
```

- Wifi

```
public interface Wifi {
    public void sendData();
}
```

- Radio

```
public interface Radio {
    public void sendSignal();
}
```

- Dekstop

```
public class Dekstop extends Computer implements Wifi {
    public int battCapacity = 230;

    public void sendData(){
        System.out.println("Dekstop via Wifi");
        System.out.println("Kapasistas Baterai: " + battCapacity);
        super.getInfo();
    }

}
```

- Drone

```
public class Drone implements Wifi, Radio {
    public int maxSpeed;
    public int maxAltitude;

    public void sendData(){
        System.out.println("Drone via Wifi");

    }
    public void sendSignal() {
        System.out.println("Drone Via Radio");
    }
}
```

- RaspberyPi

```
public class RaspberryPi extends Computer implements Wifi, Radio{
    public int numSocket = 6;

    public void sendData(){
        System.out.println("RaspberryPi via Wifi");
    }
    public void sendSignal(){
        System.out.println("RaspberryPi via Radio");
        System.out.println("Socket:");
        super.getInfo();
    }
}
```

- Operator

```
public class Opererator {
    public void wifiControl(Wifi wifi){
        wifi.sendData();
    }
    public void radioControl(Radio radio){
        radio.sendSignal();
    }
}
```

- MainKuis2

```
public class MainKuis2 {
    public static void main(String[] args) {
```

```
        Dekstop Asus = new Dekstop();
        RaspberryPi rp = new RaspberryPi();
        Drone djiPlus = new Drone();
        Opererator op = new Opererator();

        op.wifiControl(Asus);
        op.wifiControl(rp);
        op.wifiControl(djiPlus);
        op.radioControl(rp);
        op.radioControl(djiPlus);

    }
}
```

- Hasil

```
Dekstop via Wifi
Kapasistas Baterai230
ipAddress:192.168.72
cpuClock:5
Memory:8
Storage:512
RaspberryPi via Wifi
Drone via Wifi
RaspberryPi via Radio
Socket:
ipAddress:192.168.72
cpuClock:5
Memory:8
Storage:512
Drone Via Radio
PS C:\Users\Komang Suputra\Documents\Semester 3\PBO\Program\Kuis2>
```