

### Abstract Class Computer.java

```
package Tugas4;

abstract class Computer {
    public String ipAddress;
    public int cpuClock,memory,storage;

    abstract void getinfo();
}
```

### Interface WiFi.java

```
package Tugas4;

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

### Interface Radio.java

```
package Tugas4;

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

### Class Operator.java

```
package Tugas4;

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

### Class Desktop.java

```
package Tugas4;

public class Desktop extends Computer implements WiFi{
    public int battCapacity;
    public void getinfo(){
        System.out.println("ipAddress = " + ipAddress);
        System.out.println("cpuClock = " + cpuClock);
    }
}
```

```
        System.out.println("memory = " + memory);  
        System.out.println("storage = " + storage);  
        System.out.println("battCapacity = " + battCapacity);  
    }  
    public void sendData(){  
        System.out.println("Controlling dekstop via wifi...");  
    }  
}
```

### Class RaspberryPi.java

```
package Tugas4;  
  
public class RaspberryPi extends Computer implements WiFi,  
Radio{  
    public int numSocket;  
  
    public void sendData(){  
        System.out.println("Controlling raspberry via wifi...");  
    }  
    public void sendSignal(){  
        System.out.println("Controlling raspberry via  
radio...");  
    }  
    public void getinfo(){  
        System.out.println("ipAddress = " + ipAddress);  
        System.out.println("cpuClock = " + cpuClock);  
        System.out.println("memory = " + memory);  
        System.out.println("storage = " + storage);  
        System.out.println("numSocket = " + numSocket);  
    }  
}
```

### Class Drone.java

```
package Tugas4;  
  
public class Drone implements WiFi, Radio {  
    public int maxSpeed, maxAltitude;  
    public void sendData(){  
        System.out.println("Controlling drone via wifi...");  
    }  
  
    public void sendSignal() {  
        System.out.println("Controlling drone via radio...");  
    }  
}
```

```
}  
}
```

### Main Class TesSignal.java

```
package Tugas4;  
  
public class TestSignal {  
    public static void main(String[] args){  
        Desktop aceer = new Desktop();  
        RaspberryPi rp = new RaspberryPi();  
        Drone dji = new Drone();  
        Operator op = new Operator();  
  
        op.wifiControl(aceer);  
        op.wifiControl(rp);  
        op.wifiControl(dji);  
        op.radioControl(rp);  
        op.radioControl(dji);  
    }  
}
```

### Hasil Running

```
Controlling dekstop via wifi...  
Controlling raspberry via wifi...  
Controlling drone via wifi...  
Controlling raspberry via radio...  
Controlling drone via radio...
```