**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...**