

Design Pattern

Adapter

```
public interface IElectronicDevice {
    void plugIn();
}

public class HairDryer {
    public void plugInEuro() {
        System.out.println("HairDryer is working");
    }
}

public class Radio implements IElectronicDevice {
    public void plugIn() {
        System.out.println("radio is working");
    }
}

public class TV implements IElectronicDevice {
    public void plugIn() {
        System.out.println("TV is working");
    }
}

public class HairDryerAdapter extends HairDryer
    implements IElectronicDevice {
    public void plugIn() {
        plugInEuro();
    }
}

public class Application {
    public static void main(String... args) {
        IElectronicDevice tvSet = new TV();
        IElectronicDevice radio = new Radio();

        IElectronicDevice hairDryer = new HairDryerAdapter();

        tvSet.plugIn();
        radio.plugIn();
        hairDryer.plugIn();
    }
}
```