**package** CommandPattern;

**public** **interface** Command {

**void** execute();

}

**package** CommandPattern;

**public** **class** Light {

**public** **void** turnOn() {

System.***out***.println("Light is ON");

}

**public** **void** turnOff() {

System.***out***.println("Light is OFF");

}

}

**package** CommandPattern;

**public** **class** LightOffCommand **implements** Command {

**private** Light light;

**public** LightOffCommand(Light light) {

**this**.light = light;

}

**public** **void** execute() {

light.turnOff();

}

}

**package** CommandPattern;

**public** **class** LightOnCommand **implements** Command {

**private** Light light;

**public** LightOnCommand(Light light) {

**this**.light = light;

}

**public** **void** execute() {

light.turnOn();

}

}

**package** CommandPattern;

**public** **class** RemoteControl {

**private** Command command;

**public** **void** setCommand(Command command) {

**this**.command = command;

}

**public** **void** pressButton() {

**if** (command != **null**) {

command.execute();

} **else** {

System.***out***.println("No command set.");

}

}

}

**package** CommandPattern;

**public** **class** Main {

**public** **static** **void** main(String[] args) {

Light livingRoomLight = **new** Light();

Command lightOn = **new** LightOnCommand(livingRoomLight);

Command lightOff = **new** LightOffCommand(livingRoomLight);

RemoteControl remote = **new** RemoteControl();

remote.setCommand(lightOn);

remote.pressButton();

remote.setCommand(lightOff);

remote.pressButton();

}

}

**OUTPUT:**

