

## CS 445 Homework 2: Raman Walwyn-Venugopal

For this project I have completed building the Button, Lightbulb, TableLamp, and PushDownButton classes.

Lines of Code:

- Button.java: 26 lines
- ButtonMain.java: 10 lines
- Lightbulb.java: 18 lines
- PushDownButton.java: 21 lines
- Lamp.java: 11 lines
- LampMain.java: 9 lines
- **Total: 95 lines of code**

Lines of Code (Unit Tests):

- ButtonTest.java: 10 lines
- LightbulbTest.java: 31 lines
- PushDownButtonTest.java: 26 lines
- LampTest.java: 11 lines
- **Total: 78 lines of code**

The test coverage was 96.4% and the tool used was EclEmma in Eclipse

Had issues determining the cyclomatic complexity using eclipse metric tools.