

Hardest part:

Overall, I found that the way I wanted to connect the Button and Lightbulb was the most complicated. It felt redundant to make a separate class for the TableLamp when the Button could have the LightBulb class. But, in the end I agreed with the way I implemented it.

Complete - yes, every class and method was implemented as instructed. Testing was done on every class using JUnit.

Statistics

Lines of code (source): 40

Lines of code(testing): 45

Coverage: 100%

Cyclomatic complexity:

$$= E - N + 2P = 2 - 4 + 2 = 0$$

E = (number of edges) = 2; N = (number of nodes) = 4; P = (connected components) = 1