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CS 445

Homework Assignment 2

The most difficult partfor me was figuring out how to implement Dependency Inversion Principle for the last two problems

**Problem 1**

Lines of code : 30  
Unit tests lines of code : 60  
Unit test coverage (by method) : 100%  
Tool used : EclEmma Java code coverage 2.3.3  
Complexity: 12

**Problem 2**  
Lines of code : 37  
Unit tests lines of code : 63  
Unit test coverage (by method) : 100%  
Tool used : EclEmma Java code coverage 2.3.3  
Complexity: 11

**Problem 3**

Lines of code : 42  
Unit tests lines of code : 61  
Unit test coverage (by method) : 100%  
Tool used : EclEmma Java code coverage 2.3.3  
Complexity: 11

No, we did not need to rebuild the Lightbulb class because it does not depend on the PushDownButton class neither does PushDownButton depend on Lightbulb