**TEST DRIVEN DEVELOPMENT-**

* It is a software development process that relies on repetition of very short development cycle: first developer writes a test case and then writes the code to pass that test.
* 3 Steps of TDD-

**RED**

**GREEN**

**REFACTOR**

DESIGN TEST DEVELOP CODE TO OPTIMIZE THE CODE

PASS THE TEST (OPTIONAL)

* **Rules Of TDD-**

1. Before coding develop a corresponding test.
2. Remove duplication or inefficiency.

**QUESTION-**

1. Develop test cases and their corresponding code for a dimmer in which input the level at which the dimmer is currently on and dim it by one level and test it.If dimmer is at min level(1) and you dim it the case should fail.(use junit testing)