1. Write a class StringOperations having following methods:

Concat(String s1, String s2), getCharacter(int index), getLength()

Test these methods with Junit testing as follows:

* Create 3 test case classes one for each method.
* Add multiple test case methods in every class. Confirm all test cases are working successfully.
* Add @Before, @After, @BeforeClass & @AfterClass annotation methods & confirm they are called as per specifications.
* Now create copy of all 3 test case classes to add parameterized test cases. Confirm parameterized test cases are also working.
* Finally create a test suite class that internally tests all test cases kept in all 6 classes.

1. Write a method to fire SELECT query on database using JDBC. Now test this method without database is up & running. Use mockito framework (http://site.mockito.org/)