Problem 6
Standard Guidelines Used for Function 5

Shagun Sharma, ID - 40138455

1 Standard Guidelines

The following are the guidelines implemented in the unit testing for function 5 :

$$f(x) = ab^x \tag{1}$$

- Each test case should given a test case id.

- Each test should contains the unit test of each function involved in the implementation of function 5.

- Each test case is followed by one line statement justifying it's description.

- Each test case contains the function name used in the unit test case.

- Test case shall cover all the cases expected.

- Test Case should mention a expected value and actual value.

- Atleast one test case should be consider into a delta precision values.

- Each test case should show message or log for the sake of readability.

- Each test case should be traceable.

- Test case should map to the functional requirement.

2 Implemented Unit Test

- Unit Testing Framework Used: JUnit

- The sample practice used in the test cases are as follows:

  ID = TC1
  Test Case = description about the test case.
  Function Used = name of the function used in the test case.
  Functional Requirement ID Used = FRn