UnitTestImplTests

The question states that we have to just get 100% branch coverage. Considering this the program will always return a correct value. We are just covering all the branches using the test cases.

We check for stadard inputs as in the test cases.

We also check for special cases like null and cases where there are tabs.

Solely based on branch coverage tests we can accept the program. As it doesnot cover any functionality of correctness of the program.

If we check functionality you can see that when its just a string of multiple spaces it returns a value of zero which is wrong.