# Programming Advanced for QA – Regular Exam 18 August 2024

Submit your zip file here: [link](https://judge.softuni.org/Contests/Compete/Index/4810#0)

# 1. Unit Test: String Length Calculator

Test a method that **takes a string parameter and checks the length of the string**. If the **length of the string is an even number**, it will **calculate the ASCII sum of all characters in the string and multiply this sum by 2**. If the **length of the string is an odd number**, it will **calculate the ASCII sum of all characters in the string, divide this sum by 2**, and **round the result to the ceiling**.

**Hint:** You can think of a sentence as a string if it has at least two words separated by spaces.

### Examples

|  |  |
| --- | --- |
| **Argument** | **Returned integer value** |
| test | 896 |
| SoftUni | 356 |
| SoftUni is the best! | 3624 |
| (empty string) | 0 |

The method is found in the StringLengthCalculator.cs file:

Картина, която съдържа текст, екранна снимка, Шрифт, номер

Описанието е генерирано автоматично

You are given a **test** **file** StringLengthCalculatorTests.cs containing **4 empty tests**. Implement all tests:

Картина, която съдържа текст, екранна снимка, Шрифт, номер

Описанието е генерирано автоматично

When you are ready make sure your **tests run:**

**Картина, която съдържа текст, екранна снимка, Шрифт

Описанието е генерирано автоматично**

**IMPORTANT:** **DO NOT REMOVE OR CHANGE ANY NAMESPACES AND USINGS.**