# Programming Advanced for QA – Retake Exam

# 18 April 2024

Submit your zip file here: <https://judge.softuni.org/Contests/Compete/Index/4554#1>

# 2. Unit Test: Word Length Analyzer

Test a given method which takes in **a string** representing a sentenceandgets **the number of the occurrences of words of different lengths**. Words are categorized into **short (1-4 characters)**, **medium (5-8 characters)**, and **long (9 or more characters) lengths**. The **word with different than letter symbols** in it will be ignored.

### Examples

|  |  |
| --- | --- |
| **Argument** | **Returned dictionary** |
| Quality assurance courses of SoftUni are the best! | short -> 4  medium -> 3  long -> 1 |
| On3 2 D1g1ts | (Empty Dictionary) |
| Valid Inval1d w0rds | medium -> 1 |

The method is found in the WordLengthAnalyzer.cs file:

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

Описанието е генерирано автоматично

**Note! There are comments in the source code for better understanding of the logic.**

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

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

Описанието е генерирано автоматично

**Note! You may need to test if result collection is equal to expected.**

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

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

Описанието е генерирано автоматично**

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