# Programming Fundamentals and Unit Testing

# Retake Exam – 20 December 2023

Submit your zip file here: [https://judge.softuni.org/Contests/Practice/Index/4511#3](https://judge.softuni.org/Contests/Practice/Index/4511%233)

# 4. Unit Test List: Messaging

Test a given method which takes in **a list of integers and a string** and for **each element** of the list it calculates the **sum of its digits** and **takes the element**, corresponding to that **index** from the **text**.

If the **index** is **greater** than the **length** of the text, it starts counting from the **beginning**.

The method is found in the Messaging.cs file:

A screenshot of a computer program

Description automatically generated

You are given a **test** **file** MessagingTests.cs containing **5 empty tests**. Implement all the unit tests:

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

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