# Programming Fundamentals and Unit Testing

# Regular Exam – 5 November 2023

# 3. Unit Test Method: Characters Range

Test a given method which takes in **two characters** and finds **all characters between the two**.

### Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| a  d | b c |
| #  : | $ % & ' ( ) \* + , - . / 0 1 2 3 4 5 6 7 8 9 |
| C  # | $ % & ' ( ) \* + , - . / 0 1 2 3 4 5 6 7 8 9 : ; < = > ? @ A B |
| A  B | *No output* |
| B  A | *No output* |
| B  A | *No output* |
| A  C | B |
| D  G | E F |
| X  Z | Y |

The method is found in the CharacterRange.cs file:

A screenshot of a computer code

Description automatically generated

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

A screenshot of a computer program

Description automatically generated

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

A screenshot of a computer

Description automatically generated

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