# Programming Fundamentals and Unit Testing

# Retake Exam – 20 December 2023

# 3. Unit Test Method: Password Validator

Test a given method which takes in **a string** and finds if given string matches a **valid password** based on some **rules**.

### Examples

|  |  |
| --- | --- |
| **Input** | **Output** |
| Pass123 | Password is valid |
| Short | Password must be between 6 and 10 characters |
| Inv@Pass | Password must consist only of letters and digits |
| NoDigits | Password must have at least 2 digits |
| ValPass123 | Password is valid |

The method is found in the PasswordValidator.cs file:

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The other methods are **helper methods** to validate the password:

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You are given a **test** **file** PasswordValidatorTests.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.**