IDENTIFICATION: Regular Expression #1 / PELE

Overall Purpose

The overall purpose for the group of 'Regular Expressions' assignments is to be able to use Regular Expressions for validation, finding, extracting and replacing text.

The whole group of assignments consist of two steps:

1. **A basic understanding of Regular Expressions. (this assignment)**
2. Using Regular expressions for validation, finding, extracting and replacing text.

Background Material:

- Overall view Wikipeia: https://en.wikipedia.org/wiki/Regular_expression

- Nice presentation (though not C#) https://cs.lmu.edu/~ray/notes/regex/

- Microsoft C# - quick reference: https://docs.microsoft.com/en-us/dotnet/standard/base-types/regular-expression-language-quick-reference

- C# How to use: https://www.c-sharpcorner.com/article/c-sharp-regex-examples/

- Microsoft reference Regex-class: https://docs.microsoft.com/en-us/dotnet/api/system.text.regularexpressions.regex?view=netcore-3.1

- A tool to check and validate your regular expressions: https://regex101.com/

This Assignment: Regular Expression #1

<u>Purpose</u>
The purpose of this assignment is to be able to understand simple patterns for regular expression and to validate input.

<u>Mission</u>
You have to investigate your knowledge of simple regular expressions.

Assignment 1: Try your knowledge of regular expressions
You should open the link and take the lessons building regular expressions:

https://regexone.com/

Make all 15 lessons

Perhaps you with can use https://regex101.com/ with advantage.
A tool to check and explain your regular-expressions

Extra continue with additional lessons