## WHAT IS THE REGEX:

An abbreviation of Regular Expressions, and its literal meaning is regular expressions. They depend on the so-called pattern and can be called regex or regexp. It is a method used in describing texts to search and match within the text or sentences to make a comparison on them and then extract them or verify their validity. For example, if you want to delete all the spaces in a file, you can do it by manually searching in the file and deleting all the spaces that you find, or To build a script that contains a huge number of If conditions and loops and check each character for whether it is a space or not, and the last solution is by using the Regex, you can do all of the above

with one simple phrase that does not exceed one line, using regular expressions saves you time And a huge effort, especially in dealing with large texts, you can use this technique with many languages such as Java, PHP, Python, C, JavaScript and others.

Name: Nada Magdy Maher Tawfik

ID: 4211069

Section: B1





















