

# REGEX PRACTICE TASK

- 1) Write a Python program to check that a string contains only a certain set of characters (in this case a-z, A-Z and 0-9).
- 2) Write a Python program that matches a string that has an **a** followed by zero or more **c**'s
- 3) Write a Python program that matches a string that has an **a** followed by one or more **c**'s
- 4) Write a Python program that matches a string that has an **a** followed by zero or one **c**
- 5) Write a Python program that matches a string that has an **a** followed by three **b**'
- 6) Write a Python program that matches a string that has an **a** followed by two to three **b**'.
- 7) Write a Python program to find sequences of lowercase letters joined with a underscore.
- 8) Write a Python program to find the sequences of one upper case letter followed by lower case letters.
- 9) Write a Python program that matches a string that has an 'a' followed by anything, ending in 'b'.
- 10) Write a Python program that matches a word at the beginning of a string.
- 11) Write a Python program that matches a word at the end of string, with optional punctuation.
- 12) Write a Python program that matches a word containing 'z'
- 13) Write a Python program that matches a word containing 'z', not at the start or end of the word.
- 14) Write a Python program to match a string that contains only upper and lowercase letters, numbers, and underscores.
- 15) Write a Python program where a string will start with a specific number.
- 16) Write a Python program to remove leading zeros from an IP address
- 17) Write a Python program to check for a number at the end of a string.
- 18) Write a Python program to search the numbers (0-9) of length between 1 to 3 in a given string.

19) Write a Python program to search some literals strings in a string. Go to the editor Sample text : 'The quick brown fox jumps over the lazy dog.' Searched words : 'fox', 'dog', 'horse'

20) Write a Python program to extract year, month and date from a an url.

21) Write a Python program to convert a date of yyyy-mm-dd format to dd-mm-yyyy format.

22) Write a Python program to separate and print the numbers of a given string.

23) Write a Python program to find all words starting with 'a' or 'e' in a given string.

24) Write a Python program to separate and print the numbers and their position of a given string.