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Regular Expression Practice Questions

Question 1- Write a RegEx pattern in python program to check that a string contains only a certain set of characters (in this case a-z, A-Z and 0-9).

Answer. PATTERN = **r'[a-zA-Z0-9]+'**

Question 2- Write a RegEx pattern that matches a string that has an a followed by zero or more b's

Answer. PATTERN = **r'ab*'**

Question 3- Write a RegEx pattern that matches a string that has an a followed by one or more b's

Answer. PATTERN = **r'ab+'**

Question 4- Write a RegEx pattern that matches a string that has an a followed by zero or one 'b'.

Answer. PATTERN = **r'ab?'**

Question 5- Write a RegEx pattern in python program that matches a string that has an a followed by three 'b'.

Answer. PATTERN = **r'ab{3}'**

Question 6- Write a RegEx pattern in python program that matches a string that has an a followed by two to three 'b'.

Answer. PATTERN = **r'ab{2,3}'**

Question 7- Write a Python program that matches a string that has an 'a' followed by anything, ending in 'b'.

Answer. PATTERN = **r'^a.*b$'**

Question 8- Write a RegEx pattern in python program that matches a word at the beginning of a string.

Answer. PATTERN = **r'^\w+'**

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Question 9- Write a RegEx pattern in python program that matches a word at the end of a string.

Answer. PATTERN = **r'\w+\$'**

Question 10- Write a RegEx pattern in python program to find all words that are 4 digits long in a string.

Sample text- '01 0132 231875 1458 301 2725.'

Expected output- ['0132', '1458', '2725']

Answer. PATTERN = **r'\b\d{4}\b'**