

## Solved 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).

**[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

**ab\***

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

**ab+**

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

**ab?**

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

**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'.

**ab{2,3}**

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

**a.\*b**

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

**^[a-zA-Z]+**

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

**[a-zA-Z]+\$**

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']

**text='01 0132 231875 1458 301 2725.'**

**pattern=r'\b\d{4}\b'**

**result=re.findall(pattern,text)**

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print(result)
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