

## 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- 1: 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 = 'ab\*?'

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

Answer: pattern = 'ab+?'

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

Answer: pattern: 'ab?'

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

Answer: pattern = '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 = '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 = 'a.\*?b\$'

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

Answer: pattern = '^w+'

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

Asnwer: pattern = `\w+\s*$`

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

Asnwer: pattern = `\w{4}`