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).

Ans. [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

Ans. ab*

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

Ans. ab+

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

Ans. ab?

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

Ans. a(b{3})

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

Ans. a(b{2,3})

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

Ans. a.*b$

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

Ans. ^\w+

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

Ans. r'\b\w+\b$'

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']

Ans. r'\b[0-9]{4}\b'