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: r"\w+"

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

ANS: r"b*"

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

ANS: r"b+"

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

Ans: r"b?"

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

Ans: r"b{3}?"

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

Ans: r"b{2,3}?"

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

Ans: r"a.*b$"

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

Ans: r"(^\w+).*"

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

Ans: 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']

Ans: please help me with that