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:- Pattern = \w

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

Ans;- re.match(r“/b\*.”)

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

Ans:- re.match(r“/b+.”)

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

Ans:- re.match(r“/b?”)

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

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

Ans:- Pattern = “

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

Ans:- re.findall(“^\s[a]b$”)

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

Pattern = “\s^”

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

Pattern = “\s$”

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:- import pandas as pd

import re

pattern = "\d{4}"

Sample\_text = '01 0132 231875 1458 301 2725.'

matches = re.findall(pattern, Sample\_text)

print(matches)