

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'^[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:- `r'ab+'`

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

Ans:- `r'ab?'`

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

Ans:- `r'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'?

Ans:- `r'ab{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'\b\w+'`

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

Ans:- `r'\w+\b'`

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

Ans:- `r'\b\d{4}\b'`

Sample text- '01 0132 231875 1458 301 2725.'

Expected output- ['0132', '1458', '2725']