

Velocity Corporate Training Center, Pune

Regular Expression

1. Write a python program to check that a string contains only a certain set of characters (in this case a-z, A-Z, and 0-9).
2. Create a program to split a string by only the first occurrence of any substring.
3. Code that would match a string that has an a followed by zero or more b's.
4. Wap to find Three-digit numbers followed by space followed by two-digit numbers in a string.
5. Write a Python program that matches a string that has an a followed by one or more b's.
6. Write a program to search inform in a string both in uppercase & in lowercase. (INFORM or inform)
7. WAP that matches a string that has an a followed by zero or one 'b'. .
8. WAP that matches a string that has an a followed by three 'b'. .
9. Write a Python program that matches a string that has an a followed by two to three 'b'.
10. Find all the words starting in range of k-n using a for loop & re.
11. Write a Python program to find sequences of lowercase letters joined with an underscore.
12. Write a program to find the sequences of one upper case letter followed by lower case letters.
13. Write a program that matches a string that has an 'a' followed by anything, ending in 'b'.
14. WAP that matches a word at the beginning of a string.
15. Write a program that matches a word at the end of a string, with optional punctuation.
16. Write a Python program that matches a word containing 'z'.
17. Write a program that matches a word containing 'z', not at the start or end of the word.
18. Write a program to match a string that contains only upper and lowercase letters, numbers, and underscores.
19. WAP where a string will start with a specific number.
20. Write a Python program to remove leading zeros from an IP address.

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21. Write a program to check for a number at the end of a string. .
22. Code a program to search the numbers (0-9) of length between 1 to 3 in a given string. . "Exercises number 1, 12, 13, and 345 are important"
23. Write a program to search some literals strings in a string. .
Sample text : 'The quick brown fox jumps over the lazy dog.'
Searched words : 'fox', 'dog', 'horse'
24. Write a Python program to search a literals string in a string and also find the location within the original string where the pattern occurs. .
Sample text : 'The quick brown fox jumps over the lazy dog.'
Searched words : 'fox'
25. Write a code to find a common substrings within a string.
Sample text : 'Python exercises, PHP exercises, C# exercises'
Pattern : 'exercises'
Note: There are two instances of exercises in the input string.
26. Write a program to find the occurrence and position of the substrings within a string. .
27. Write a code to replace whitespaces with an underscore and vice versa. .
28. How would you remove all whitespaces from a string?
29. Write a Python program to match if two words from a list of words starting with the letter 'P'
30. Write a code to find all words starting with 'a' or 'e' in a given string. .
31. Write a Python program to separate and print the numbers and their position of a given string.
32. Write a Python program to replace all occurrences of space, comma, or dot with a colon.
33. Write a program to replace maximum 2 occurrences of space, comma, or dot with a colon.
34. Write a Python program to find all three, four, five characters long words in a string.
35. Write a program to extract values between quotation marks of a string.
36. How would you remove multiple spaces in a string?