

# RE Assignment

1. Write a re 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 matches a string that has an a followed by zero or more b's. .
4. Wap to find Three digit number followed by space followed by two digit number 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 a 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 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. .
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 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 program to abbreviate 'Road' as 'Rd.' in a given string. .(BASICALLY REPLACE 'ROAD' WITH 'RD' WHEREVER IT OCCURS)

33. Write a Python program to replace all occurrences of space, comma, or dot with a colon. .

34. Write a program to replace maximum 2 occurrences of space, comma, or dot with a colon. .

35. Write a Python program to find all three, four, five characters long words in a string. .

36. Write a program to extract values between quotation marks of a string. .

37. How would you remove multiple spaces in a string?

