

## **STRING EXERCISES**

**By using any sample string value/values, address the below questions:**

1. How to find the index of the first occurrence of a substring/character in a string?
2. Calculate the total number of characters in a string?
3. How to obtain the number of a specific character/substring in a string?
4. Check whether if a string contains only numbers?
5. Split a string by using a specific character?
6. How to check if a string is composed of all lower case characters?
7. How to check if a string is composed of all upper case characters?
8. Check if the first character in a string has a lowercase value?
9. Can I add an integer with a string in Python?
10. If I multiply a string with a number, will it be accepted by Python? What will be the outcome?
11. How to reverse a string using string slicing method?
12. How to join list of strings/characters in to a single string, delimited by hyphens?
13. How to convert a string from upper to lower case and vice versa?
14. How to make first and last character of a string to upper case? For example, 'python' should be converted as 'PythoN'
15. How do you convert an integer to a string value?
16. Check and ensure that the string contains only alphabets?
17. How do you replace all instances of a substring in a string?
18. For a given string/strings, return the minimum and maximum character/string?

19. How to check whether the string contains alpha numeric value?
20. When a string contains whitespace/space, how to remove them from the left, right or both sides of a string?
21. Check if a string begins with or ends with a specific character?
22. How to concatenate two/more strings as a single one?
23. Capitalize the first character of each word in a string?
24. What does it mean for strings to be immutable in Python?
25. Give an example of using maketrans() and translate()
26. When would you use rfind()?
27. What is the effect of multiplying a string by 3?
28. If I use splitlines() on the below, what will be the output?  
sentence = "It was a stormy night\nThe house creaked\nThe wind blew."
29. What is the difference between replace and translate?
30. How to remove whitespace from left, right or both side of a string?