Python String Concept Questions and Answers

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1. How would you confirm that 2 strings have the same identity?

2. How would you check if each word in a string begins with a capital letter?

3. Check if a string contains a specific substring ?

4. Find the index of the first occurrence of a substring in a string ?

5. Count the total number of characters in a string ?

6. Count the number of a specific character in a string ?

7. Capitalize the first character of a string ?

8. What is an f-string and how do you use it?

9. Search a specific part of a string for a substring ?

10. Interpolate a variable into a string using format() ?

11. Check if a string contains only numbers ?

12. Split a string on a specific character ?

13. Check if a string is composed of all lower case characters

14. Check if the first character in a string is lowercase

15. Can an integer be added to a string in Python?

16. Reverse the string "hello world" ?

17. Join a list of strings into a single string, delimited by hyphens ?

18. Check if all characters in a string conform to ASCII ?

19. Uppercase or lowercase an entire string ?

20. Uppercase first and last character of a string ?

21. Check if a string is all uppercase ?

22. When would you use splitlines() ?

23. Give an example of string slicing ?

24. Convert an integer to a string ?

25. Check if a string contains only characters of the alphabet ?

26. Replace all instances of a substring in a string ?

27. Return the minimum character in a string ?

28. Check if all characters in a string are alphanumeric ?

29. Remove whitespace from the left, right or both sides of a string ?

30. Check if a string begins with or ends with a specific character?

31. Encode a given string as ASCII ?

32. Check if all characters are whitespace characters ?

33. What is the effect of multiplying a string by 3 ?

34. Capitalize the first character of each word in a string ?

35. Concatenate two strings ?

36. Give an example of using the partition() function ?

37. What does it mean for strings to be immutable in Python?

38. Does defining a string twice (associated with 2 different variable names) create one or two objects in memory?

39. Give an example of using maketrans() and translate() ?

40. Remove vowels from a string ?

41. When would you use rfind()?