

STRING

1. String Concatenation:

Write a program that takes two strings as input and prints their concatenation.

2. String Length:

Create a function that takes a string as input and returns its length.

3. String Repetition:

Write a program that takes a string and an integer as input and prints the string repeated that many times.

4. String Upper and Lower:

Create a program that takes a string as input and prints it in both uppercase and lowercase.

5. String Slicing:

Write a program that takes a string as input and prints its first three characters.

6. Count Vowels:

Create a function that takes a string as input and returns the count of vowels (a, e, i, o, u) in the string.

7. String Palindrome Check:

Write a function that checks if a given string is a palindrome (reads the same backward as forward).

8. String Replace:

Create a program that takes a string and replaces all occurrences of the letter 'a' with 'z'.

9. String Contains Substring:

Write a function that takes two strings as input and checks if the second string is a substring of the first.

10. String Count:

Create a program that takes a string and a character as input, and prints the number of times the character appears in the string.

11. String Capitalization:

Write a program that takes a sentence as input and prints it with the first letter of each word capitalized.

12. String Formatting:

Create a program that formats a given string with placeholder values. For example, given "Hello, {}!", input a name to replace the placeholder.

13. String Reverse:

Write a function that takes a string as input and prints it in reverse order.

14. String Join:

Create a program that takes a list of words and joins them into a single string separated by spaces.

15. String Indexing:

Write a program that takes a string as input and prints the last character.

16. String Count Words:

Create a function that takes a sentence as input and returns the number of words in the sentence.

17. String Uppercase Count:

Write a function that takes a string as input and returns the count of uppercase letters in the string.

18. String Title Case:

Create a program that takes a string as input and prints it in title case (the first letter of each word capitalized).

19. String Swap Case:

Write a function that takes a string as input and returns a new string with the case of each letter swapped (e.g., 'a' becomes 'A' and vice versa).

20. String Split:

Create a program that takes a sentence as input and prints each word on a new line using the split method.