- 1. **Greeting Message:** Write a Python script that asks the user for their name and then prints a greeting message with their name.
- 2. **String Reversal:** Create a function that takes a string as input and returns the reverse of that string.
- 3. **Counting Characters:** Write a function that takes a string and a character as input and returns the count of occurrences of that character in the string.
- 4. **Uppercase Converter:** Create a function that takes a string and a letter as inputs and returns the string with only the input letter in uppercase.
- 5. **Vowel Counter:** Write a function that takes a string as input and returns the count of vowels (a, e, i, o, u) in the string.
- 6. **Palindrome Checker:** Create a function that checks whether a given string is a palindrome.
- 7. **Substring Finder:** Write a function that takes two strings as input and checks if the second string is a substring of the first string.
- 8. **Word Capitalizer:** Create a function that takes a string as input and returns the string with the first letter of each word capitalized.
- 9. **String Concatenation:** Write a Python script that concatenates two strings and prints the result.
- 10. **Whitespace Remover:** Create a function that takes a string as input and removes all whitespace characters from it.
- 11. **String Rotation Checker:** Write a function that takes two strings as input and checks if one string is a rotation of the other.
- 12. **Unique Characters Counter:** Create a function that takes a string as input and returns the count of unique characters in the string.
- 13. **Word Reversal:** Write a function that takes a sentence as input and returns the sentence with the order of words reversed.
- 14. **Case Reversal:** Create a function that takes a string as input and returns the string with the case of each letter reversed (e.g., uppercase letters become lowercase and vice versa).
- 15. **Character Swapper:** Write a function that takes a string and two characters as input and swaps all occurrences of the first character with the second character in the string.
- 16. **Longest Word Finder:** Create a function that takes a sentence as input and returns the longest word in the sentence.
- 17. **String Compression:** Write a function that takes a string as input and returns a compressed version of the string, where consecutive identical characters are replaced with the character followed by the count.
- 18. **Anagram Checker:** Create a function that takes two strings as input and checks if they are anagrams of each other.

- 19. **Substring Reversal:** Write a function that takes a string and a substring as input and reverses the substring within the string.
- 20. **Pangram Checker:** Create a function that checks if a given string is a pangram (contains every letter of the alphabet at least once).