Python Strings Assignment

1. Write a Python program to count the number of vowels in a string entered by the user.
2. Reverse the given string without using any in-built functions.
3. Check if a string is a palindrome or not.
4. Write a program to replace all occurrences of a substring in a string with another substring.
5. Count the frequency of each character in a given string.
6. Write a program to find the first non-repeating character in a string.
7. Remove all spaces from a string entered by the user.
8. Convert a string to uppercase and lowercase without using built-in methods.
9. Write a program to split a string by spaces and join it back with a hyphen (-).
10. Find all substrings of a given string.
11. Write a program to check if two strings are anagrams of each other.
12. Extract digits from a string and calculate their sum.
13. Write a program to capitalize the first letter of each word in a string.
14. Find the longest word in a string entered by the user.
15. Remove all special characters from a string.
16. Write a program to check if a string starts and ends with the same character.
17. Write a Python program to remove duplicate characters from a string.
18. Replace all vowels in a string with their respective uppercase forms.
19. Write a program to check if a string contains only digits.
20. Reverse the order of words in a string, keeping each word intact.