Assignment 4

Q-1 Write a Python program to accept a string from user and find out the length of the given string.

Code and Output:

Graphical user interface, text, application

Description automatically generated

Q-2 Accept two words as input and print the two words after adding a space between them.

Code and Output:

Graphical user interface, text, application

Description automatically generated

Q-3 To check a substring is present in a given string or not.

Code and Output:

Graphical user interface, text

Description automatically generated

Q-4 Accept a string and display a string upto a particular character

Code and Output:

Graphical user interface, text, application

Description automatically generated

Q-5 Accept a string and count the total number of vowels in the existing string

Code and Output:

Graphical user interface, text, application

Description automatically generated

Q-6 Accept a string as input, convert it to lower case, sort the string in alphabetical order, and print the sorted string to the console. You can assume that the string will only contain letters. for example: Bharatanatyam->aaaaabhmnrtty.

Code and Output:

Graphical user interface, text, application

Description automatically generated

Q-7 . Accept a phone number as input. A valid phone number should satisfy the following constraints. (1) The number should start with one of these digits: 6, 7, 8, 9 (2) The number should be exactly 10 digits long. (3) No digit should appear more than 7 times in the number. Print the string valid if the phone number is valid. If not, print the string invalid.

Code and Output:

Text

Description automatically generated

Q-8 Write a Python program to check if a string is palindrome or not.

Code and Output:

Graphical user interface, text, application, email

Description automatically generated

Q-9 Write a Python program to reverse words in a given String in Python.

Code and Output:

Graphical user interface, text, application

Description automatically generated

Q-10 Write a Python program to remove a particular character from string in Python.

Code and Output:

