

Assignment 4

String Datatype

Objective:

- To learn all the operations and functions of string to process string more efficiently
- To learn parsing of string as the fundamental component of NLP
- To practice maximum programs from string to crack first round of placement drive.

Programs:

1. Write a program to take input a string of digits and convert it to an integer without using int() function.
2. Write a program to take binary input numbers and convert it to an integer without using int() function.
3. WAP to remove ith character of a string.
4. WAP to calculate the length of a string, avoid space.
5. WAP to print even length words in a string.
6. Write a program uppercase Half String.
7. Write a program to capitalize the first and last character of each word in a string
8. Python program to check if a string has at least one letter and one number
9. Write a program to accept the strings which contain all vowels
10. Write a program to count the Number of matching characters in a pair of string
11. Write a program to remove all duplicates from a given string in Python, keeping the first character only
12. Write a program to least Frequent Character in String
13. Write a program to maximum frequency character in String
14. Write a program to odd Frequency Characters
15. Write a program to specific Characters Frequency in String List
16. Write a program to frequency of numbers in String
17. Write a program to program to check if a string contains any special character
18. Write a program to generating random strings until a given string is generated
19. Write a program to find words that are greater than the given length k
20. Write a program for removing i-th character from a string
21. Write a program to split and join a string
22. Write a program to find all close matches of input string from a list
23. Write a program to find uncommon words from two Strings
24. Write a program to swap commas and dots in a String
25. Write a program to print permutation of a given string using inbuilt function
26. Write a program to convert numeric words to numbers
27. Write a program to word location in String
28. Write a program to find consecutive characters frequency
29. Write a program to perform string slicing in Python to rotate a string
30. Write a program to string slicing in Python to check if a string can become empty by recursive deletion
31. Write a program to find minimum number of rotations to obtain actual string
32. Write a program to sort String list by K character frequency