# LAB-8

1. Write a Python program to Count all letters, digits, and special symbols from the given string

Input = “P@#yn26at^&i5ve”

Output: Chars = 8 Digits = 2 Symbol = 3

A screenshot of a computer program

Description automatically generated

2. Write a Python program to remove duplicate characters of a given string.

Input = “String and String Function”

Output: String and Function

A screenshot of a computer program

Description automatically generated

3. Write a Python program to count Uppercase, Lowercase, special character and numeric values in a given string

Input = “Hell0 W0rld ! 123 \* # welcome to pYtHoN”

Output: UpperCase : 5

LowerCase : 18

NumberCase : 5

SpecialCase : 11

A screenshot of a computer program

Description automatically generated

4. Write a Python Count vowels in a string

input= “Welcome to Python Assignment”

Output: Total vowels are: 8

A screenshot of a computer program

Description automatically generated