**Assignment(String)**

**1. Write a Python program to count the occurrences of each word in a given sentence string = “To change the overall look of your document. To change the look available in the gallery”**

words = string.lower().split()

word\_count = {}

for word in words:

word = word.strip(".,")

word\_count[word] = word\_count.get(word, 0) + 1

print("Word occurrences:")

for word, count in word\_count.items():

print(f"{word}: {count}")

**2. Write a Python program to remove a newline in Python String = "\nBest \nDeeptech \nPython \nTraining\n"**

string = "\nBest \nDeeptech \nPython \nTraining\n"

cleaned\_string = string.replace("\n", "")

print("String after removing newlines:")

print(cleaned\_string)

**3. Write a Python program to reverse words in a string String = “Deeptech Python Training”**

string = "Deeptech Python Training"

reversed\_string = " ".join(string.split()[::-1])

print("Reversed words in the string:")

print(reversed\_string)

**4. Write a Python program to count and display the vowels of a given text String=”Welcome to python Training”**

string = "Welcome to python Training"

vowels = "aeiouAEIOU"

vowel\_count = 0

vowel\_list = []

for char in string:

if char in vowels:

vowel\_count += 1

vowel\_list.append(char)

print(f"Number of vowels: {vowel\_count}")

print(f"Vowels: {' '.join(vowel\_list)}")