**LAB3\_STRING\_ANP-C7281 AND ANP-C7374**

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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”

**PROGRAM :**

sentence = "To change the overall look of your document. To change the look available in the gallery"

# Split the sentence into words

words = sentence.split()

# Count the occurrences of each word

word\_count = {}

for word in words:

    if word in word\_count:

        word\_count[word] += 1

    else:

        word\_count[word] = 1

# Print the occurrences of each word

print("Occurrences of each word:")

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

    print("'{word}': {count}")

**OUTPUT :**

Occurrences of each word:

'To': 2

'change': 2

'the': 3

'overall': 1

'look': 2

'of': 1

'your': 1

'document.': 1

'available': 1

'in': 1

'gallery': 1

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

**PROGRAM :**

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

# Remove newline characters

string\_without\_newline = string\_with\_newline.replace("\n", "")

# Print the string without newline characters

print("String without newline characters:", string\_without\_newline)

**OUTPUT :**

String without newline characters: Best Deeptech Python Training

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

**PROGRAM :**

string = "Deeptech Python Training"

# Reverse words in the string

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

# Print the reversed string

print("Reversed string:", reversed\_string)

**OUTPUT :**

Reversed string: Training Python Deeptech

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

**PROGRAM :**

text = "Welcome to Python Training"

# Count and display vowels

vowels = "aeiouAEIOU"

vowel\_count = 0

for char in text:

    if char in vowels:

        vowel\_count += 1

# Print the vowel count

print("Number of vowels in the given text:", vowel\_count)

**OUTPUT :**

Number of vowels in the given text: 8