

LAB 5 Task : Write a program to count the occurrence of user inputted word in a given string paragraph also print the most occurred and least occurred word from that paragraph.

Program Logic

1. Write the function to count the occurrence of word in a string and print the maximum and minimum occurred word in a list
2. Write the main() function
 - A. Input the word to count its occurrence
3. Write the driver code

Writing Function

```
In [9]: def count_occurence(string,w):  
    str = string.split()  
    max_count = str[0]  
    min_count = str[0]  
  
    for i in str:  
        if str.count(i)>str.count(max_count):  
            max_count = i  
  
        if str.count(i)<str.count(min_count):  
            min_count = i  
  
    print("Occurance of word ",w," is ",str.count(w))  
    print("Word occurred most time in string is ",max_count)  
    print("Word occurred least time in string is ",min_count)
```

Main Function

```
In [13]: def main():  
    string = input("Enter the String : ")  
    w = input("Enter the word to count the number of occurrence : ")  
    count_occurence(string,w)
```

Driver Code

```
In [14]: if __name__ == '__main__':  
         main()
```

Enter the String : apple mango apple mango pineapple banana mango orange pineapple orange

Enter the word to count the number of occurrence : apple

Occurance of word apple is 2

Word occurred most time in string is mango

Word occurred least time in string is banana