Lab 5

Task : Write a program to count theoccurence of user inputed word in a given string paragraph also print the most occured and least occured word from that paragraph.

Program Logic

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

Write function   ¶

In [13]:

```python
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 occured most time in string is ",max_count)
    print("Word occured least time in string is ",min_count)
```

Main function

In [14]:

```python
def main():
    string = input("Enter the String : ")
    w = input("Enter the word to count the number of occurance : ")
    count_occurence(string,w)
```

Driver Code

In [17]:

```python
if __name__=='__main__':
    main()
```

Enter the String : apple mango apple mango pineapple banana mango orange p
ineapple orange
Enter the word to count the number of occurance : mango
Occurance of word mango is 3
Word occured most time in string is mango
Word occured least time in string is banana

In [ ]: