In [1]:

```
##[1]WAP that takes a string as input and counts the occurence of a particular sub string
```

In [2]:

```
string = input("Enter a string : ")
sub_string = input("Enter the substring : ")
count = string.count(sub_string)
print("The occurence of the substring(sub_string) : ", count )
```

```
Enter a string : hello friends
Enter the substring : e
The occurence of the substring(sub_string) :  2
```

In [3]:

```
##[2]wap that takes a string as input and replace a word with another word

def replace_word(string, old_word, new_word):
    # Using the replace() method to replace occurrences
    new_string = string.replace(old_word, new_word)
    return new_string

string = input("Enter a string : ")
old_word = input("Enter the old word : ")
new_word = input("Enter the new word : ")

new_string = replace_word(string, old_word, new_word)
print(f"Modified string: {new_string}")
```

```
Enter a string : hello everyone
Enter the old word : everyone
Enter the new word : friends
Modified string: hello friends
```

In [5]:

```
##[3] wap that takes a string as input and reverse it

def reverse_string(input_string):
  reversed_string = input_string[::-1]
  return reversed_string
input_string = input("Enter a string: ")
reversed_string = reverse_string(input_string)
print("Reversed string:", reversed_string)
```

```
Enter a string: welcome friends
Reversed string: sdneirf emoclew
```

In [8]:

```
##[4] wap that takes a string as input and print the sentence with all occurences removed

string = input("Enter a string : ")
sub_string = input("Enter the substring : ")
new_string = string.replace(sub_string,"")
print("The new string after the substring removed is :",new_string)
```

```
Enter a string : hello world
Enter the substring : world
The new string after the substring removed is : hello
```

In [1]:

```
##[5] wap that takes a string as input and prints the string with the case of each character swapped
```

In [4]:

```
input_string = input("Enter a string: ")

swapped_string = input_string.swapcase()
print(f"String with swapped case: {swapped_string}")
```

```
Enter a string: Hello World
String with swapped case: hELLO wORLD
```

In [5]:

```
##[6] wap to count number of vowels in a given string
```

In [6]:

```
def count_vowels(input_string):
    vowels = "aeiouAEIOU"
    vowel_count = 0

    for char in input_string:
        if char in vowels:
            vowel_count += 1

    return vowel_count

# Taking input from the user
input_string = input("Enter a string: ")

# Counting vowels
vowel_count = count_vowels(input_string)
print(f"Number of vowels in the string: {vowel_count}")
```

```
Enter a string: I am Iron Man
Number of vowels in the string: 5
```

In [7]:

```
##[7]wap that takes a string as input and prints each word in reverse way
```

In [9]:

```
def reverse_words(input_string):
    words = input_string.split()
    reversed_words = [word[::-1] for word in words]
    reversed_string = ' '.join(reversed_words)
    return reversed_string

# Taking input from the user
input_string = input("Enter a string: ")

# Reversing words
reversed_string = reverse_words(input_string)
print(f"Each word in reverse: {reversed_string}")
```

```
Enter a string: hello world
Each word in reverse: olleh dlrow
```

In [10]:

```
## wap that takes strig as input and counts number of character in it
```

In [13]:

```
string = input("Enter the string : ")
count = 0
for char in string:
    if char != " ":
        count += 1
print(f"The number of character in the string is : {count}")
```

```
Enter the string : hi there
The number of character in the string is : 7
```

In [ ]:

```

```