

```
In [33]: #convert a temperature from celsius to fahrenheit
        celsius=int(input("Enter the temperature:"))
        fahrenheit=(celsius*1.8)+32
        print("temperature in fahrenheit:",fahrenheit)
```

temperature in fahrenheit: 75.2

```
In [43]: #Find the second largest element in a List
        a=[3,6,5,9,2]
        print(a)
        b=[]
        b=sorted(a,reverse=True)
        print("the sorted list is:",b)
        print("the second largest number in the given list is:",b[-2])
```

[3, 6, 5, 9, 2]

the sorted list is: [9, 6, 5, 3, 2]

the second largest number in the given list is: 3

```
In [55]: #count the occurances of each element in a List
        a=[4,5,6,7,8,6,4]
        x=6
        n=[i for i in a if i==x]
        print("the element",x,"occurs",len(n),"times")
```

the element 6 occurs 2 times

```
In [47]: #reverse a string
        def reverse(string):
            string=string[::-1]
            return string
        b="hello world"
        print("The orginal string is :",end=" ")
        print(b)
        print("the reversed string is :",end=" ")
        print(reverse(b))
```

The orginal string is : hello world

the reversed string is : dlrow olleh

```
In [48]: #to find the number of vowels in a string
        string="Rakshitha"
        vowels="aeiouAEIOU"
        count=sum(string.count(vowel) for vowel in vowels)
        print(count)
```

3

```
In [49]: #find the sum of all even numbers in a list
        n=[1,2,3,4,5,6]
        even_sum=sum(n for n in n if n % 2 ==0)
        print("sum of the even numbers",even_sum)
```

sum of the even numbers 12

In [ ]: