

ASSIGNMENT-6

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Q.No.-1

In [3]:

```
def maximum(a,b,c):  
    return(max(a,b,c))  
a=int(input("Enter a number a: "))  
b=int(input("Enter a number b: "))  
c=int(input("Enter a number c: "))  
print("Maximum value : ",maximum(a,b,c))
```

Enter a number a: 6
Enter a number b: 230
Enter a number c: 654
Maximum value : 654

Q.No.-2

In [4]:

```
def reverse(A):  
    return A[::-1]  
A=input("Enter a string: ")  
print("Reversed string: ",reverse(A))
```

Enter a string: LETTER
Reversed string: RETTEL

Q.No-3

In [25]:

```
def count():  
    return (A)  
upper=0  
lower=0  
A=input("Enter a string: ")  
for i in A:  
    if(i.islower()):  
        lower+=1  
    elif(i.isupper()):  
        upper+=1  
print("Number of upper cases in the given string: ",upper)  
print("Number of lower cases in the given string: ",lower)
```

Enter a string: THebigbaNGtheoRY

Number of upper cases in the given string: 6

Number of lower cases in the given string: 10

Q.No.-4

In [16]:

```
def newlist(list1):  
    x=[]  
    for a in list1:  
        if a not in x:  
            x.append(a)  
    return x  
print("New list with unique elements of first list: ",newlist([1,2,3,4,5,6,7,4,1,5,1,2,4,2,
```

New list with unique elements of first list: [1, 2, 3, 4, 5, 6, 7, 8, 9]

Q.No.-5

In [19]:

```
def palindrome():  
    return word  
word="radar"  
rev=word[::-1]  
if word==rev:  
    print(palindrome(),"is a palindrome.")  
else:  
    print(palindrome(),"is not a palindrome.")
```

radar is a palindrome.