

Assignment 6 191109007

Ques 1: To find max of 3 numbers

In [2]:

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

Enter a value, a: 52
Enter a value, b: 42
Enter a value, c: 32
Maximum value: 52

Ques 2: To reverse a String

In [4]:

```
def revstr(stra):  
    return stra[::-1]  
stra=input("Enter a string: ")  
  
print(stra[::-1])
```

Enter a string: PyThOn
nOhTyP

Ques 3: To calculate no of upper and lower cases

In [7]:

```
def uplow(strb):  
    return(strb)  
upper=0  
lower=0  
strb=input("Enter a String: ")  
for i in strb:  
    if(i.islower()):  
        lower += 1  
    elif(i.isupper()):  
        upper +=1  
print("Number of Upper cases in the String: ",upper)  
print("Number of lower cases in the String: ",lower)
```

Enter a String: PrOgRaMmInG
Number of Upper cases in the String: 6
Number of lower cases in the String: 5

Ques 4: To take a list and return new list with unique elements of first list

In [10]:

```
def newlist(l):  
    x=[]  
    for a in l:  
        if a not in x:  
            x.append(a)  
    return x  
print("New list with unique elements of first list: ",newlist([1,2,3,4,6,5,7,3,7,8,3,2,4,7,
```

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

Ques 5: To check whether string is palindrome or not

In [15]:

```
def ispalindrome(strc):  
    return strc  
strc="level"  
rev=strc[::-1]  
if strc==rev:  
    print(strc, "is a palindrome")  
else:  
    print(strc, "is not a palindrome")
```

level is a palindrome