PYTHON

MODULE-2

ASSIGNMENT-1

**1) Take two inputs from user and check whether they are equal or not.**

a=int(input('enter a value'))

b=int(input('enter b value'))

if(a==b):

print('equal')

else:

print('not equal')

**2)Take 3 inputs from user and check:  
           all are equal  
           any of two are equal  
           ( use and or )**

a=int(input('enter a value\n'))

b=int(input('enter b value\n'))

c=int(input('enter c value\n'))

if((a==b)and(b==c)and(c==a)):

print('all are equal')

elif((a==b)or(b==c)or(c==a)):

print( ' only 2 are equal')

else:

print('not equal')

**3)Take two number and check whether the sum is greater than 5, less than 5 or equal to 5.**

a=int(input('enter a value\n'))

b=int(input('enter b value\n'))

sum=a+b

if(sum<5):

print('sum is less than 5')

elif(sum>5):

print('sum is greater than 5')

else:

print('sum is equal to 5')

**4)Suppose passing marks of a subject is 35. Take input of marks from user and check whether it is greater than passing marks or not.**

a=int(input('enter a value\n'))

if(a>35):

print('student got pass marks')

else:

print('student got fail marks')

**5)Write a Python function to find the Max of three numbers**

def maxoftwo(a,b):

if(a>b):

return a

return b

def maxofthree(a,b,c):

return maxoftwo(a,maxoftwo(b,c))

a=int(input('enter a value\n'))

b=int(input('enter b value\n'))

c=int(input('enter c value\n'))

print('max of3 numbers is')

print(maxofthree(a,b,c))