**Module 2**

**Python Assignment questions**

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

Input 1: Input 2:

a=2 a=2

b=3 b=2

a==b a==b

Output 1: False Output 2: True

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

Input 1: Input 2:

a=1 a=1

b=2 b=2

c=3 c=2

a==b and b==c and c==a a==b or b==c or c==a

Output 1: False Output 2: True

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

Code:

a=int(input())

b=int(input())

sum=a+b

print(“sum is greater than 5:”,sum>5) Input:

print(“sum is less than 5:”,sum<5) 1

print(“sum is equal to 5:”,sum==5) 2

Output:

sum is greater than 5: False

sum is less than 5: True

sum is equal to 5: False

1. 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.

Code:

passingmarks=35

marks=int(input())

print(“marks is greater than passing marks:”,marks>passingmarks)

Input: 36

Output:

Marks is greater than passing marks: True

1. Write a Python function to find the Max of three numbers

Code:

a=int(input())

b=int(input())

c=int(input())

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

print(“largest is a”) Input:

elif(b>a) and (b>c): 1

print(“largest is b”) 2

else: 0

print(“largest is c”)

Output:

largest is b