

# Assignment -3

## Module – 2

1. **program to take 2 inputs from user and checking whether they are equal or not**

```
num1=input("enter a number")
num2=input("enter another number")
if(num1==num2):
    print("both the numbers are equal")
else:
    print("the numbers are not equal")
```

**Output:**

```
enter a number 5
enter another number 10
the numbers are not equal
```

**2. program to take 3 inputs from user and checking whether (all the 3 are equal) or (any of two are equal) using and or**

```
a=input("enter a value")
b=input("enter b value")
c=input("enter c value")
if(a==b and a==c and b==c):
    print(" all are equal")

elif(a==b or a==c or b==c):
    print("any of two or equal")

else :
    print("any of three are not equal")
```

**Output:-**

enter a value 5

enter b value 10

enter c value 5

any of two or equal

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

```
x=int(input("enter first number:"))
y=int(input("enter second number:"))
sum=x+y
print("Sum :",sum)
if(sum==5):
    print("Sum is equal to 5")
elif(sum>5):
    print("Sum is greater than 5")
else :
    print("Sum is less than 5")
```

**Output:-** enter first number: 5  
enter second number:6  
Sum : 11  
Sum is greater than 5

**4. Program to take input of marks from user and check whether it is greater than passing marks(35) or not.**

```
pm=35
m=int(input("enter marks:"))
if(pm<m):
    print("the entered marks are greater than passing marks")
else :
    print("the entered marks are not greater than passing marks")
```

**Output :-**

```
enter marks:69
the entered marks are greater than passing marks
```

**5. Program to find maximum of three numbers**

```
num1=35
num2=60
num3=54
if (num1 >= num2) and (num1 >= num3):
    largest = num1
elif (num2 >= num1) and (num2 >= num3):
    largest = num2
else:
    largest = num3
print("The largest number is", largest)
```

**Output :-**

```
The largest number is 60
```