

Module-2 Assignment-1

Python assignment questions

1:Take two inputs from user and check wheather they are equal or not

In [2]:

```
a=int(input("Enter the value of a:"))
b=int(input("Enter the value of b:"))
if a==b:
    print("a is equals to b")
else:
    print("a is not equals to b")
```

Enter the value of a:10
Enter the value of b:20
a is not equals to b

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

In [6]:

```
a=int(input("Enter the value of a:"))
b=int(input("Enter the value of b:"))
c=int(input("Enter the value of c:"))
if a==b and b==c:
    print("a=b=c")
elif a==b or b==c or c==a:
    if a==b:
        print("a=b")
    elif b==c:
        print("b=c")
    else:
        print("a==c")
else:
    print("a,b and c are different numbers")
```

Enter the value of a:10
Enter the value of b:20
Enter the value of c:30
a,b and c are different numbers

3:Take two numbers and check wheather the sum is greater than 5,less than 5 or equals to 5

In [8]:

```
a=int(input("Enter the value of a:"))
b=int(input("Enter the value of b:"))
c=a+b
if c==5:
    print("a+b is equals to 5")
elif c>5:
    print("a+b is greater than 5")
else:
    print("a+b is less than 5")
```

Enter the value of a:2
Enter the value of b:6
a+b is greater than 5

4:Suppose passing marks of a subject is 35.take inputs of marks from user and check weather it is greater than passing marks or not

In [16]:

```
n=int(input("Enter no.of subjects:"))
for i in range(n):
    a=int(input("enter subject marks:"))
    if a>=35:
        print("This subject is passed\n")
    else:
        print("This subject is not passed\n")
```

Enter no.of subjects:5
enter subject marks:40
This subject is passed

enter subject marks:35
This subject is passed

enter subject marks:30
This subject is not passed

enter subject marks:50
This subject is passed

enter subject marks:20
This subject is not passed

5:Write a python function to find the max of three numbers

In [19]:

```
def Maxofthree(a,b,c):
    if a>b:
        if a>c:
            print("a is greater")
        else:
            print("c is greater")
    else:
        if b>c:
            print("b is greater")
        else:
            print("c is greater")
x=int(input("Enter the value of x:"))
y=int(input("Enter the value of y:"))
z=int(input("Enter the value of z:"))
Maxofthree(x,y,z)
```

Enter the value of x:10
Enter the value of y:20
Enter the value of z:30
c is greater

In []: