

In [3]: *#python program to check whether two nos are equal or not*

```
a=int(input("enter the value of a :"))
b=int(input("enter the value of b :"))
if a==b:
    print('two numbers are equal')
else :
    print('two numbers are not equal')
```

enter the value of a :2
enter the value of b :2
two numbers are equal

In [1]: *#Take 3 inputs from user and check :*

```
    all are equal
    any of two are equal
    ( use and or )
```

```
a=int(input("enter the value of a :"))
b=int(input("enter the value of b :"))
c=int(input("enter the value of c :"))
eq=a==b and b==c and c==a
print('three numbers are equal',eq)
neq=a==b or b==c or c==a
print('any of two are equal', neq)
```

enter the value of a :2
enter the value of b :2
enter the value of c :2
three numbers are equal True
any of two are equal True

In [5]: *#Take two number and check whether the sum is greater than 5, less than 5 or equal to 5.*

```
a=3
b=2
c=a+b
```

```
if c>5:
    print('sum is greater than 5 :',+c)
elif c<5:
    print('sum is less than 5 :',+c)
else:
    print('sum is equal to 5 :',+c)
```

sum is equal to 5 : 5

```
In [3]: #Suppose passing marks of a subject is 35. Take input of marks from use
r and check whether it is greater than passing marks or not
marks=int(input("enter the marks"))
if marks>35:
    print('marks is greater than passing marks :', +marks)
else :
    print('marks is not greater than 35 :',+marks)
```

enter the marks87
marks is greater than passing marks : 87

```
In [4]: #python program to find largest among three numbers
a=3
b=2
c=1
if a>=b and a>=c:
    print('largest number is a')
elif b>=a and b>=c:
    print('largest number is b')
else:
    print('largest number is c')
```

largest number is a