```python
In [3]: # 1.Take two inputs from user and check whether they are equal or not.
        a=int(input("enter 1st input: "))
        b=int(input("enter 2nd input: "))
        if a==b:
            print("entered two inputs are equal")
        else:
            print("entered two inputs are not equal")
```

```
enter 1st input: 5
enter 2nd input: 4
entered two inputs are not equal
```

```python
In [25]: # 2.program to check whether the taken three inputs from user are:all are equal, any two are
         equal
         print("first number")
         first=input()
         print("second number")
         second=input()
         print("third number")
         third=input()
         all=first==second and second==third and third==first
         print("all are equal:",all)
         any=first==second or second==third or third==first
         print("any of two are equal:",any)
```

```
first number
23
second number
34
third number
23
all are equal: False
any of two are equal: True
```

```python
In [19]: # 3.Take two number and check whether the sum is greater than 5, less than 5 or equal to 5
         a=int(input("enter first number: "))
         b=int(input("enter second number: "))
         c=a+b
         if c>5:
             print("sum is greater than 5")
         elif c<5:
             print("sum is less than 5")
         else:
             print("sum is equal to 5")
```

```
enter first number: 3
enter second number: 4
sum is greater than 5
```

```python
In [21]: #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.
         passing_mark=35
         a=int(input("enter a number: "))
         if  a>passing_mark:
             print("number is greater than passing mark")
         else:
             print("number is lesser than passing mark")
```

```
enter a number: 36
number is greater than passing mark
```

```python
In [23]: #5.Write a Python function to find the Max of three numbers.
         a=int(input("enter value of a: "))
         b=int(input("enter value of b: "))
         c=int(input("enter value of c: "))
         if a>=b and a>=c:
             print("highest value is a")
         elif b>=a and b>=c:
             print("highest value is b")
         else:
             print("highest value is c")
```

```
enter value of a: 2
enter value of b: 5
enter value of c: 4
highest value is b
```

```
In [ ]:
```