1. Take two inputs from user and check wheather they are Equal; or not.

```
a = int (input (Enter a number))
b = int (input(Enter a number))
if a == b:
    Print ("Both numbers are Equal")
Else a!=b:
    Print ("Both numbers are not Equal)
```

Out put :-(i) a = 10
           b = 10

Both numbers are Equal

(ii)   a = 10
       b = 20

Both numbers are not Equal.

2. Take 3 input from user and check : all are Equal ; any of two are Equal. (use and; or)

```
a = int (input (Enter a number))
b = int (input (Enter a number))
c = int (input (Enter a number))
If a==b and b==c and c==a:
    Print ("All are Equal")
Else a==b!=c or a!=b==c :
    Print ("only 2 numbers are Equal").
```

Out put (i)   a = 10
              b = 10
              c = 10.

All are Equal.

ii)   a = 20
      b = 20
      c = 15

Only 2 numbers are Equal.

3) Take two number and check wheather the sum is greater than 5, less than 5 or Equal to 5.

```
a = int (input (Enter a number))
b = int (input (Enter a number))
if a+b >5:
  Print ("Sum is greater than 5")
Elif a+b <5:
    Print (" sum is less than 5")
else a+b=5:
    Print (" sum is Equal to 5")
```

Output a= 2
   b=4.
   Sum is greater than 5

   a=2
   b=2
   Sum is less than 5

   a= 2
   b= 3
   Sum is Equal to 5.

4) Suppose passing marks of a subject is 35. Take input of marks from user and cheak wheather it is greater than passing marks or not.

```
Passing mark = 35
Marks = int (input (Enter your marks))
If Marks > passing mark:
Print (" Got Passed).
else
  Print (" Sorry").
```

Output: Marks : 46
    Got passed
    Marks : 26
    Sorry.

5) write a python function to find the
Max of three numbers.

```
num1 = int(input(" Enter the first number:"))
num2 = int(input(" enter the Second number:"))
num3 = int(input(" Enter the Third number:"))
if (num1 >num2) and (num1 >num3):
 Print (" num1 in largest ")
elif (num2 > num3) and (num2 > num1):
 Print (" num2 in largest")
Else :
    Print ( " num3 in largest")
    Print (" The largest number in " largest).
```

Output:
   Enter first number : 11
   Enter second number: 12
   Enter third number: 13

   The largest num3 in largest : 13.