

```
1  #checking whether the two inputs are  
   equal or not  
2  a=int(input('enter the value of a'))  
3  b=int(input('enter the value of b'))  
4  if(a==b):  
5      print('both are equal')  
6  else:  
7      print('both are not equal')
```



```
enter the value of a 2  
enter the value of b 4  
both are not equal
```

```
[Program finished]
```

```
1 #checking the sum of two values is  
   greater than 5 or less than 5 or equal  
2 a=3  
3 b=2  
4 c=a+b  
5 if(c>5):  
6     print('sum is greater than 5')  
7 elif(c<5):  
8     print('sum is less than 5')  
9 else:  
10    print('sum is equal to 5')
```

sum is equal to 5

[Program finished]

```
1 | #checking marks whether the student is  
   | pass or fail  
2 | a=int(input('enter any value'))  
3 | if(a>35):  
4 |     print('pass')  
5 | else:  
6 |     print('fail')
```

enter any value 31

fail

[Program finished]

```
1 #maximum of three numbers
2 a=3
3 b=4
4 c=1
5 if(a>=b)and(a>=c):
6     print('a is greater')
7 elif(b>=a)and(b>=c):
8     print('b is greater')
9 else:
10    print('c is greater')
```



b is greater

[Program finished]



#checking all the numbers are same or  
any two are same or all are different

```
a=int(input('the value of a'))  
b=int(input('the value of b'))  
c=int(input('the value of c'))  
if(a==b)and(b==c)and(c==a):  
    print('all are same values')  
elif(a==b)or(b==c)or(c==a):  
    print('any two are equal')  
else:  
    print('all are different')
```



```
the value of a3  
the value of b5  
the value of c4  
all are different
```

```
[Program finished]
```