```
1  # max of three numbers
2  a=2
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]
```

```python
# checking marks whether student is passed or not
a=int ( input ( 'enter any value ' ) )
if ( a>35 ) :
    print ( 'pass' )
else:
    print ( 'fail' )
```

```
enter any value 46
pass

[Program finished]
```

```python
# checking the sum of two values is greter then 5 or
  less then 5 or equal
a=7
b=5
c=a+b
if( c>5 ):
    print ('sum is greater than 5' )
elif( c<5 ):
    print ('sum is lesser tham 5' )
else:
    print ('sum is equal to 5' )
```

sum is greater than 5

[Program finished]

```python
#checking whether all the numbers are same or any
two of them are same or all are different
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 ) and( c==a ) :
    print ( 'all are same values' )
elif ( a==b ) or ( b==c ) or ( c==a ) :
    print ( 'any two of them are equal' )
else :
    print ( 'all are different' )
```

```
enter the value of a 3
enter the value of b 3
enter the value of c 3
all are same values

[Program finished]
```

```
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' )
8
```

```
enter the value of a 5
enter the value of b 5
both are equal

[Program finished]
```