```python
# max of three numbers
a = 2
b = 4
c = 1
if ( a>=b ) and ( a>=c ) :
    print ( 'a is greater' )
elif ( b>=a ) and ( b>=c ) :
    print ( 'b is greater' )
else :
    print ( 'c is greater' )
```

b is greater

[Program finished]

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

enter any value 46
pass

[Program finished]

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

```
sum is greater than 5

[Program finished]
```

```python
1  # checking whether all the numbers are same or any
   two of them are same or all are different
2  a=int ( input ( 'enter the value of a' ) )
3  b=int ( input ( 'enter the value of b' ) )
4  c=int ( input ( 'enter the value of c' ) )
5  if ( a==b ) and ( b==c ) and ( c==a ) :
6      print ( 'all are same values' )
7  elif ( a==b ) or ( b==c ) or ( c==a ) :
8      print ( 'any two of them are equal' )
9  else:
10     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]
```

```python
# checking whether the two inputs are equal or not
a=int ( input ( 'enter the value of a' ) )
b=int ( input ( 'enter the value of b' ) )
if ( a==b ) :
    print( 'both are equal' )
else:
    print ( 'both are not equal' )
```

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

[Program finished]
```