

Python if...elif...else Statement

```
if condition1:  
    Body of if  
  
elif condition2:  
    Body of elif  
  
else:  
    Body of else
```

The elif is the same as else if in c++ or java. It allows us to check for multiple expressions.

If the condition for if is False, it checks the condition of the next elif block and so on.

If all the conditions are False, the body of else is executed.

Only one block among the several if...elif...else blocks is executed according to the condition.

The if a block can have only one else block. But it can have multiple elif blocks.

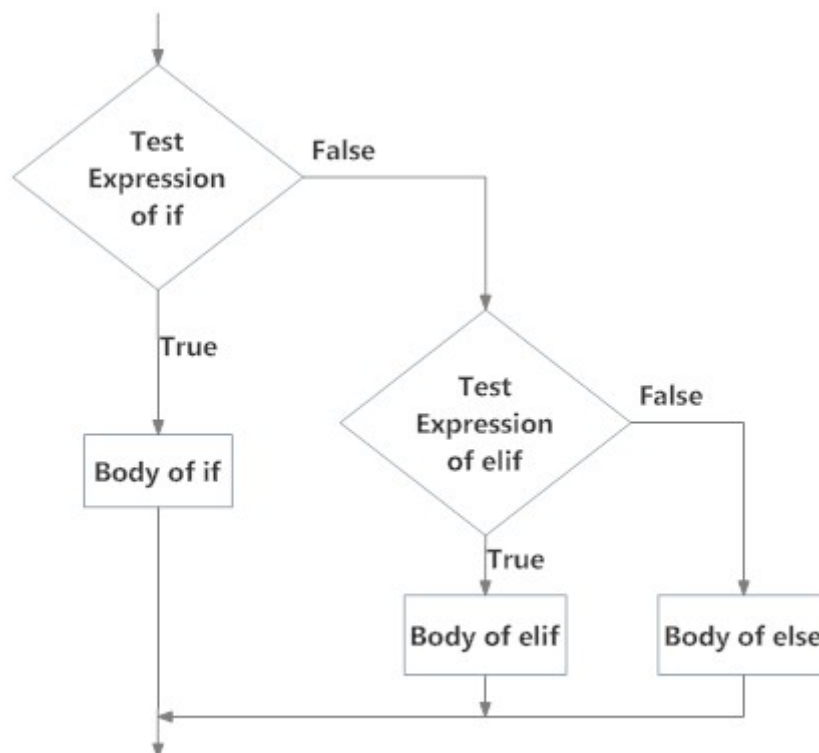


Fig: Operation of if...elif...else statement

Example:

```
#find the largest among three number
a = 5
b = 6
c = 4

if a >= b and a >= c:
    print("a is greater")

elif b >= c and b >= a:
    print("b is greater")

else:
    print("c is greater")
```

output:

```
b is greater
```