## simple if else statement

In [1]:
```python
a=30
b=50
if(a>b):
    print("a is the greatest number")
else:
    print("b is the greatest number")
```

b is the greatest number

In [2]:
```python
a=int(input("enter the first number"))
b=int(input("enter the second number"))
if (a>b):
    print("first number is the greatest : ")
else:
    print("second number is the greatest")
```

enter the first number23
enter the second number56
second number is the greatest

## if elif else statement

In [3]:
```python
a=15
b=25
c=30
if(b<a>c):
    print("a is the greatest number")
elif(a<b>c):
    print("b is the greatest number")
else:
    print("c  is the greatest number")
```

c  is the greatest number

## nested if statement

```
In [29]: a=20
         b=40
         c=50
         if(a>b):
             if(a>c):
                 print("a is the greatest number")
             else:
                 print("c is gretest number")
         else:
             if(b>c):
                 print("b is the greatest number")

             else:
                 print("c is the greatest number")
```

c is the greatest number

## thanku

In [ ]: