

```
In [2]: #NESTED IF
#example 1

age = int(input("Enter your age:"))

if age >= 18 :
    if age > 18 :
        print ('eligible')
    else :
        print ('waiting list')
else :
    print ('not eligible')
```

Enter your age:25  
eligible

```
In [3]: age = int(input("Enter your age:"))

if age >= 18 :
    if age > 18 :
        print ('eligible')
    else :
        print ('waiting list')
else :
    print ('not eligible')
```

Enter your age:18  
waiting list

```
In [4]: age = int(input("Enter your age:"))

if age >= 18 :
    if age > 18 :
        print ('eligible')
    else :
        print ('waiting list')
else :
    print ('not eligible')
```

Enter your age:17  
not eligible

```
In [5]: # example 2

age = input('Enter your age:')

if age >= '25' :
    if age > '25':
        print('yes')
    else :
        print('no')

else:
    print ('not defined')
```

Enter your age:25  
no

In [6]: `age = input('Enter your age:')`

```
if age >= '25' :  
    if age > '25':  
        print('yes')  
    else :  
        print('no')  
  
else:  
    print ('not defined')
```

Enter your age:27  
yes

In [7]: `age = input('Enter your age:')`

```
if age >= '25' :  
    if age > '25':  
        print('yes')  
    else :  
        print('no')  
  
else:  
    print ('not defined')
```

Enter your age:20  
not defined

In [17]: *#example 3*

```
grade = int(input('enter your grade: '))  
  
if grade >= 9 :  
    print ('A+')  
elif grade >= 8 :  
    print ('A')  
elif grade >= 7 :  
    print ('B')  
elif grade >=6 :  
    print ('C')  
elif grade >=5 :  
    print ('D')  
else :  
    print ('fail')
```

enter your grade: 9  
A+

In [18]: `grade = int(input('enter your grade: '))`

```
if grade >= 9 :  
    print ('A+')  
elif grade >= 8 :  
    print ('A')  
elif grade >= 7 :  
    print ('B')  
elif grade >=6 :  
    print ('C')
```

```
elif grade >=5 :  
    print ('D')  
else :  
    print ('fail')
```

```
enter your grade: 3  
fail
```

In [ ]: