conditional statement

Conditional statement is use to decision making by executing different block of code on conditions.

if = it is used to make a decision is a single if statement and conditional statements are true.

else = it is used to make a decision is a single if statement and conditional statements are false.

elif = it is used to make a decision is a single if statement and conditional statements are true or false.

if-elif ladder = it is used to check multiple conditions.

If..ELIF syntax if condition1: # code block to be executed if condition1 is true else: if condition2: # code block to be executed if condition2 is true else: if condition3: # code block to be executed if condition3 is true else: # code block to be executed if none of the above conditions are true or # If..ELIF syntax if condition1: # code block to be executed if condition1 is true elif condition2: # code block to be executed if condition2 is true elif condition3: # code block to be executed if condition3 is true else: # code block to be executed if none of the above conditions are true

In [3]:
```
## Eligibal for vote
age = int(input("Enter your age: "))
country = input("Enter your country: ").lower()
if age >= 18 and country=="india":
    print("You are eligible to vote.")
else:
    print("You are not eligible to vote yet.")
```

```
You are not eligible to vote yet.
```

In [6]:
```
# Write a program that given number is odd or even

Even_odd=eval(input("Enter the number :-"))
if Even_odd % 2==0:
    print("Given number is even ")
else :
    print('Given number is odd ')
```

```
Given number is odd
```

In [5]:
```
# Write a program to check whether the given  number is positive, negative, or z

Num_p_n=eval(input("Enter the number :-"))
if Num_p_n>0:
    print('Num is positive' )
elif Num_p_n<0:
    print('Num is negative number  ')
elif Num_p_n==0:
    print('Zero')
```

```
Num is positive
```

In [ ]:
```

```