*. Membership operators : In, Not in

These are used to check whether a value is present in a sequence such as a list.

*. Identity operators : is, not is

These are used to compare memory locations.

Day-5

Conditional statements :

Conditional statements are used to check the condition in the programming to display the result.

eg: if , if else , if else if ladder // continuous if else, nested if else.
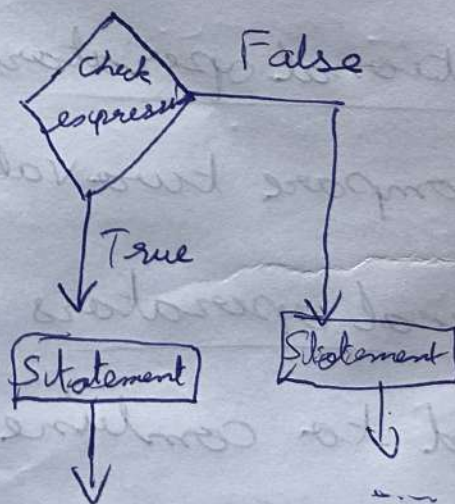
Syntax of if :

```
if ( Condition );
        Statements
```

Syntax of if else :

```
if ( condition );
      statements of if
else:
      statements of else
```

note: we cannot write condition in else.

Syntax of if else if ladder:

```
If (Condition 1):
    Statement of condition1
else:
    If (condition 2):
        Statement of condition2
    elif (condition3):
        Statement of condition 3
    else:
        defalut statements
```