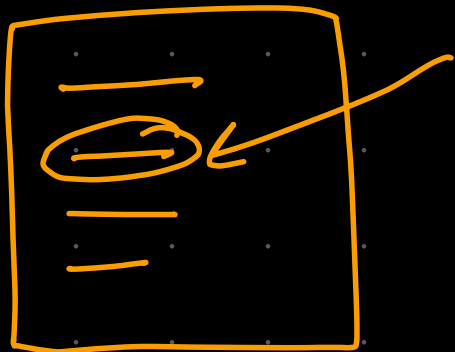


Decision Control Statement

Decision Control Statement are those statement which decide the execution flow of our program.

In simple words, they tell us whether a particular part of program should **run** or **not run** based upon certain condition.



The 4 decision Control Statement

1. if
2. if ... else
3. if ... elif ... else
4. nested if-else

If Statement

If statement in python is used to decide whether a certain block of code or statement will be executed or not.

Similar to C, C++ or Java.

If a certain condition is True then block of statement gets executed.

Syntax:-

if (expression):
 statement 1
 statement 2
 .
 .
 statement n

Unindented line

Python follows a tab (4space) indentation style

Python uses indentation
and not { }
to define body of
code block.

A code block start with
first indentation line
and ends with first
unindented line.

Q:- write a program to check if number is even?

```
num = int(input('Enter a number'))
```

```
if (num % 2 == 0):  
    print('num is even')
```

```
if (num % 2 != 0):  
    print('num is odd')
```

★ Indentation is very important.

Let us see some more example.

```
if (x%2 == 0): print('even')
```