

What are we gonna master today?

Bool data type

In Python, for representing Boolean data type, we have bool data type.

bool data type can be one of 2 types

True

False

★ We use booleans in programming to

(a) make comparison

(b) control flow of program

a = False

b = True

★ True & False are case sensitive

└─> Keyword ←┐

All test condition in Python return the result as bool, which could be either True or False

eg. $3 > 5$ $7 > 3$

Guess the output of below ÷

`a = True`

`a = False`

`b = True`

`b = True`

`c = a + b`

`c = a + b`

`print(c)`

`print(c)`

The output of above should make it clear that internally Python stores

True as 1

False as 0