***Identity operator:***

This checks id/address of an object if address is same then it returns output as true otherwise false.

'py' is 'py'

<input>:1: SyntaxWarning: "is" with a literal. Did you mean "=="?

<input>:1: SyntaxWarning: "is" with a literal. Did you mean "=="?

True

'Py' is 'py'

<input>:1: SyntaxWarning: "is" with a literal. Did you mean "=="?

<input>:1: SyntaxWarning: "is" with a literal. Did you mean "=="?

False #case sensitive so both are not equal.

# syntax error because we can not compare literals directly. We can only compare identifiers.

#LITERALS are the values assigned to identifiers.

a ='py'

b = 'py'

a is b

True

a is not b

False