- How to check a variable’s type?

>>> type("Hello, World!")

<class ’str’>

>>> type(17)

<class ’int’>

- In what cases, you will get ​SyntaxError ​ from the compiler telling you that some of your variables have ​invalid names​? Can you give 3 different examples of ​invalid names​?

The assignment token, =, should not be confused with equals, which uses the token ==. The assignment statement binds a name, on the left-hand side of the operator, to a value, on the right-hand side. This is why you will get an error if you enter:

>>> 17 = n

File "<interactive input>", line 1

SyntaxError: can’t assign to literal