Python Knowledgebase

Django is for Web Dev

TensorFlow is for AI

Scipy is for Scientific Computations

PyQT for cross-platform applications

Pep8 – usually already integrated into the editor

There needs to be 2 empty lines before a new class declaration

I can search IDLE to begin working on python but it makes sense to use PyCharm instead.

I don’t need to declare variables.

Answer = 42

Name = “PythonBo”

Type Hinting – Relatively new feature. 3.5

def add\_numbers(a: int, b: int) -> int:

return a + b

\*\*\*\*TRY TO WRITE MORE UNIT TESTS\*\*\*\*\*\*\*

Integers and Floats –

* To cast or change an integer to float -

Answer = 42

Pi = 3.14159

Answer + pi = 45.14159

Int(pi) == 3

Float(answer) == 42.0

String Format Function

Name = “PythonBo”

Machine = “Hal”

“Nice to meet you {0}. I am {1}” .format(name, machine)

f”Nice to meet you {name}. I am {machine}”

Placeholder variable – aliens\_found = None

If Statements are so much easier

Number = 5

If number ==5

Print (“number is 5”)

Else:

Print(“number is Not 5”)