Python IDLE Shell (default opening screen) runs commands one at a time. Always displays >>>

Python IDLE -> File New File Editor is more for complete programs.

2+2 is an expression

Expressions always evaluate down to a single value. Expression = Values + Operators

Data Type – all values belong to exactly one data type

3.14 floating points

3 integers

3.0 float

‘text’ string

>>> ‘Alice’ + ‘Bob’

‘AliceBob’

>>> ‘Alice’ \* 3

Variable is a box that can store a value or expression

Variables are assigned using an Assignment Statement, spam = 42

>>> spam = 42

>>> spam

42

>>>

Statements don’t evalueate to a single value

The Execution is the current instruction being done

Print() function that displays text

Arguments are values that are passed into a Function

Input() waits for user to type in keystrokes, always returns a string