DAY 2: DATA TYPES

STRING: a collection of characters surrounded by quotations.

EXAMPLE: ”apple”,”123”

INTEGER: whole numbers

EXAMPLE: 123

FLOAT: Decimal valued numbers

EXAMPLE: 123.45

BOOLEAN: two values, either True or False.

PEMDAS RULE OF CALCULATION

Parenthesis, exponential, multiplication division, addition, subtraction

NOTE:

* calculations are done from left to right.
* Division and multiplication have the same priority based on which calculation is computed in the left-most.
* Same for addition and subtraction.

TYPE CASTING: “123” to 123 this is done by int() function.

**Assignment Operators**

Assignment operators such as the addition assignment operator += will add the number on the right to the variable's original value on the left and assign the new value to the variable.

+= , -= , \*= , /=

**f-Strings**

In Python, f-strings can insert a variable or an expression into a string.

age = 12

print(f"I am {age} years old")

# Will output I am 12 years old.