WEEK 2 REPORT

Things I studied are as follows:

Note: My practice codes were on DataCamp Ipython Shell

* Variables and Types; int, float, strings, and Booleans
* Variable assignment
* Converting variables into different types
* How each of the variable types behaves with different operators
* Python Operators

PYTHON EXERCISES

* BASICS

1. Expressions are statements (instructions) that combine values and operators, and usually evaluated to a single value. Other statements perform an action.
2. Syntax error is returned when python is unable to understand a particular line of code due to deviation from the established python code syntax E.g. when you omit the colon at the end of an ‘if statement’.
3. PEP8: this refers to the standard python style guide containing set of rules for formatting python codes to maximize readability and uniformity.
4. Linter: A program to verify code quality (clean and readable)
5. "\*"\*10 will return '\*\*\*\*\*\*\*\*\*\*'

* PRIMITIVE TYPES

1. Variable; a reserved memory location to store values.
2. Primitive types in python include integers, floats, Booleans and strings.
3. For multi-line comments
4. ‘o’
5. ‘t’
6. ‘ohn Smith’
7. Name.len()
8. Tab “/t” ; new line “/n” ; carriage return “/r” ; and escaping “/”
9. Syntax error
10. ‘John Smith’