**Assignment: Assuming you are talking to a boda-boda guy of primary seven understanding;**

**with examples briefly explain the following;**

**A Statement**

A statement is an instruction given to the computer.

For example;

Assignment statements num1=10

Print statements print (Hello world)

**A Code**

This is a group of statements

For example; num1=10

Print(num1)

**A Memory Address**

This is a unique identifier that represents the location of an object in the computer’s memory

For example: 0x7ffe5367e044

**A Variable Name**

This is a label used to identify a specific location in a computer’s memory instead of having to remember the difficult memory address names.

Examples include: num, salary, number

**An Operator**

operators are words that tell the CPU what to do with a value

Examples: Arithmetic operators which include addition, subtraction, division

**An Operand**

This is a value of any variable

For example: let’s say num = 10

In that statement, 10 is the operand

**A Datatype**

A datatype helps the computer classify what kind of information you are working with and how to handles it.

For example:

If we are working with numbers in python, whole numbers are given integer datatypes and decimal numbers are given float datatypes.

If we are working with text in python, only string datatypes are assigned to the text and it should be in quotes!

10(integer)

10.0(float)

“Maria Maria” (string)

**A List of Values**

This is a set of values stored in square brackets and separated by commas.

Examples

A list of countries: my\_ countries [South Korea, Russia, Denmark]

A list of fruits: fruits [Pineapple, Jackfruit]

A list of both countries and fruits: fruits\_countries [my\_countries, fruits]

**A Python Script / A Module**

This is any file of python code with a .py at the end.

Examples include:

datatypes.py

Korea.py