ASSIGNMENT – 8 [12-12-2023]

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**Python:**

* Python is a High – level Programming which provides the feature code readability
* Comparing to other languages, the syntax of python is very easily understandable so it’s known as beginner friendly language
* As everything is represented as an object in python so it object oriented programming language

**Features of Python:**

* It is easily understandable and easy to use this language
* It is an open-source programming language
* It contains vast libraries which are used in many domains
* It can be easily integrated with other languages like C,C++,Java etc

**Development of Python:**

* Anaconda – Data Science
* NumPy, Pandas and Sci-py – Scientific and Numeral computing
* OpenCV – Image Processing

**Data Types in Python:**

* Numbers (Integer and Float)
* String
* List (Array)
* Tuple (Constant Array)
* Dictionary

**Sequence:**

Sequences are an object type in Python that allows the user to store data one after each other.

**Boolean:**

Boolean is a built-in data type in python which stores either **True** or **False** which is also represented either in 1 or 0