Submitted By : Safura Saba

Submitted To : Sir Rehan Faheem

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**Definitions**

**1. Values :**

A value is **one of the basic things a program works with, like a letter or a number**. You can print values in Python.

**2. PIP :**

pip is the standard package manager for Python. It **allows you to install and manage additional packages that are not part of the Python standard library**.

**3. Modules :**

A module is **a file containing definition of functions, classes, variables, constants or any other Python object**. Standard distribution of Python contains a large number of modules, generally known as built-in modules.

**4. Comments :**

Comments in Python is **the inclusion of short descriptions along with the code to increase its readability**. A developer uses them to write his or her thought process while writing the code. It explains the basic logic behind why a particular line of code was written.

**5. Functions :**

A function is **a block of code which only runs when it is called**. You can pass data, known as parameters, into a function. A function can return data as a result.

**6. Lists :**

A list is **a data structure in Python that is a mutable, or changeable, ordered sequence of elements**. Each element or value that is inside of a list is called an item. Just as strings are defined as characters between quotes, lists are defined by having values between square brackets [ ] .

* **Mutable List :**

One can change an item present in a list by accessing it directly as part of the assignment statement.

* **Immutable List :**

Many types in Python are immutable. **Integers, floats, strings**, and (as you'll learn later in this course) tuples are all immutable. Once one of these objects is created, it can't be modified, unless you reassign the object to a new value

**8. Sets**

Sets are **used to store multiple items in a single variable**. Set is one of 4 built-in data types in Python used to store collections of data, the other 3 are List, Tuple, and Dictionary, all with different qualities and usage. A set is a collection which is unordered, unchangeable, and unindexed.