Data Types definitions:

Comments:

Comments are the lines in program make code more readable for others.

Variables:

Variables are reserved memory locations to store values.

Print():

Prints the specified message to the screen.

Input():

Input function takes the input from user.

Numbers:

Numbers are used to store numeric values.

Integers:

Integers represent both negative and positive numbers.

Float:

Floating point numbers represent negative and positive numbers with decimals.

Boolean:

Booleans are sub type of plain integers.

Strings:

Strings are sequence of characters, strings are derived data types.

Lists:

List is a ordered collection of objects.

Dictionaries:

Dictionaries are unordered collection of items

Sets:

Sets are unordered collection of objects.

Tuples:

Tuples are sequence of different objects.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Data type | Store different data types | Duplicates allowed | Order is retained | Indexing and slicing | mutable |
| Strings() | Yes | Yes | Yes | Yes | No |
| Lists[] | Yes | Yes | Yes | Yes | Yes |
| Tuples() | Yes | Yes | Yes | Yes | No |
| Dictionaries{} | Yes | No | No | No | Yes |
| Sets{} | Yes | No | No | No | No |