Element – Def: An individual item in a list.

Ex: sea\_creatures = ['shark', 'cuttlefish', 'squid', 'mantis shrimp', 'anemone']

Immutable – Def: When an object’s state cannot be modified after it is created.

Ex: int, float, string, tuple

Index – Def: The position of an item within a list.

Ex: 0-num of items in list

IndexError – Def: An error that is raised whenever attempting to access an index that is outside the bounds of a list.

Ex: IndexError: list index out of range

List – Def: a collection which is ordered and changeable. Allows duplicate members.

Ex: thislist = ["apple", "banana", "cherry"]

Mutable – Def: when an object’s state can be modified after it is created.

Ex: list, dict, set, byte array

Sequence – Def: An ordered set.

Ex: List

Slice – Def: A function that returns a slice object that can use used to slice strings, lists, tuple etc.

Ex: result1 = slice(3)

Tuple – Def: An immutable sequence of objects.

Ex: tup1 = ('physics', 'chemistry', 1997, 2000)