**Lists in Python**

A list is a built-in data structure in python. You can store multiple values of the same data type inside a single variable using lists.

fruit = [“Apple”, “Pineapple”, “Orange”, “Strawberry”]

The elements in the list must be contained within square brackets.

**List Index in Python**

fruit = [“Apple”, “Pineapple”, “Orange”, “Strawberry”]

| | | |

**0** **1** **2** **3**

The index value starts with a ‘zero’ in python lists. Index values are helpful when we want to access a specific element or a value in a list. We can also access a list element using a negative index.

fruit = [“Apple”, “Pineapple”, “Orange”, “Strawberry”]

| | | |

**-4** **-3** -**2** **-1**

A negative index can be used to read or access an element from the end of a list. The last element of any list starts with an index of -1 and so on.

We can perform multiple functions on lists in python such as modifying the value of an element, adding a new value to the list, removing an element from the list and much more. There are a lot of list methods available in python that you can explore on the internet.