**List in Python:**

1. It is a collection which is ordered and changeable.
2. It is used to store different data type values in it.
3. It stores values inside Square Brackets “ **[ ]**”
4. It looks like an array, but only diff is it stores diff values.

**Note:** An array is collection of same data type values.

**Example:**

**L1 = [‘Varun’,’Dileep’,’Vijay’,’Naresh’, 1 , 2.0 , 3.43]**

**Index Position 0 1 2 3 4 5 6**

**Above list contains following data type values:**

**String: [‘Varun’,’Dileep’,’Vijay’,’Naresh’]**

**Int : [1]**

**Float: [2.0,3.43]**

**Note: you can add other data type values also like Boolean, decimal**

**A list may contain duplicate values with their distinct positions and hence, multiple distinct or duplicate values can be passed as a sequence at the time of list creation.**

**Examples:**

**# Python program to demonstrate**

**# Creation of List**

**# Creating a List**

**List = []**

**print("Intial blank List: ")**

**print(List)**

**# Creating a List with**

**# the use of Numbers**

**# (Having duplicate values)**

**List = [1, 2, 4, 4, 3, 3, 3, 6, 5]**

**print("\nList with the use of Numbers: ")**

**print(List)**

**# Creating a List with mixed type of values**

**# (Having numbers and strings)**

**List = [1, 2, 'Sachin', 4, 'Dhoni', 6, 'Kohli]**

**print("\nList with the use of Mixed Values: ")**

**print(List)**