List in Python

A list is actually a list. 2. AC 3. Detergent

In Python, list help to store sequence of item in a single variable.

List are created by defining elements inside [].

List Characteristic:

Ordered: Maintain order of elements.

Mutable: Item can be changed after creotion.

Allow Duplicotes: They can contain duplicates.

heterogenous: list can store element of diff types.

- Creating a list

List can be created either by

1] Defining element inside []

2] Using list() function.

- Accessing List elements

-Indexing

- Slicing

- List Operations

- 1. Concatenation: l1 + l2
- 2. Repeathon; l1 3
- 3. Membership: 31 'apple in gruits
 - 4. Iteraule: for ele in l1

- Modifying List

fruits [0] = 'apple'