

List

Lists are used to store multiple items in a single variable.

Lists are one of 4 built-in data types in Python used to store collections of data, the other 3 are [Tuple](#), [Set](#), and [Dictionary](#), all with different qualities and usage.

List items are ordered, changeable, and allow duplicate values.

List items are indexed, the first item has index [\[0\]](#), the second item has index [\[1\]](#) etc. Lists are mutable, ordered, indexing, slicing, allow duplicates, comma separated, enclosed with [], variable length lists required more memory tuple. we can add multiple datatypes

Initialized the list `lst = []`

FUNCTIONS

: 1. `append()`

2. `extend()`

3. `insert()`

4. `reverse()`

5. `index()`

6. `find()`

7. `count()`

8. `copy()`

9. `Deep copy()`

10. `remove`

11. `pop`