1. Iterating over a list using loops.

The for loop is the most common and concise way to iterate over a list. It directly accesses each element in the list.

1. Sorting and reversing a list using sort(), sorted(), and reverse().

**Sorting Lists**

**1. sort() Method:**

* Modifies the list in-place.
* Default sorting is ascending.

**2. sorted() Function:**

* Creates a new sorted list without modifying the original.
* Default sorting is ascending.

**Reversing Lists**

**1. reverse() Method:**

* Reverses the list in-place.

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**2. Slicing:**

* Creates a new reversed list without modifying the original.

1. Basic list manipulations: addition, deletion, updating, and slicing.

**1. Addition (Appending):**

* **append():** Adds an element to the end of the list.

**2. Deletion:**

* **pop():** Removes and returns the element at a specific index (default: last).
* **remove():** Removes the first occurrence of a specific value.

**3. Updating:**

* Access an element by its index and assign a new value.

**4. Slicing:**

* Extract a portion of the list using [start:end].