**Array:**

An array is a data structure that stores a collection of elements of the same type. Each element is accessed using its index.

Example: **arr = [1, 2, 3, 4, 5]**

**Key Operations on Arrays:**

**Initialization**: Defining an array.

Example: **arr = [1, 2, 3, 4, 5]**

**Storage:** Adding or updating values in an array.

Example: **arr[2] = 35**

**Data Display:** Access and display array elements.

Example: for **item** in **arr**:

print(**item**)

**Data Editing:** Modify values at specific indices.

Example: **arr[2] = 10** # Changes the 3rd element to 10

**Data Deletion:** Remove elements from the array.

Example: **arr.pop(1)** # Removes the 2nd element

**Searching:** Find an element in the array.

Example:

if **10** in **arr**:

print("Found!")

**Sorting:** Sort array elements.

Example: **arr.sort()** # Sorts the array in ascending order