

Initialize an array

Arr = [1, 2, 3, 4, 5]

Traverse (Display all elements)

Print("Traversing the array:")

For element in arr:

 Print(element, end=" ")

Print() # New line

Insertion (Add an element at a specific index)

Insert_index = 2

Insert_value = 10

Arr.insert(insert_index, insert_value)

Deletion (Remove an element at a specific index)

Delete_index = 3

Arr.pop(delete_index)

Search (Find the index of a specific element)

Search_value = 4

Search_index = -1

If search_value in arr:

 Search_index = arr.index(search_value)

Print(f"Index of {search_value}: {search_index}")

Update (Modify the value at a specific index)

Update_index = 1

Update_value = 8

Arr[update_index] = update_value

```
# Display the updated array
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```
Print("Updated array:")
```

```
For element in arr:
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```
    Print(element, end=" ")
```