



Case 2: we have to insert an element and order not matter in this case then it is **$O(1)$**



deletion

Operations on Arrays 😊

Capacity = 100
Size = 5

Traversal → Visit

Insertion

Deletion

Searching

Sorting =

ind 2 → 5

$O(1)$
Best Case Insertion

$O(n)$
Worst Case

Size -- 1

The whiteboard content is as follows:

- Operations on Arrays 😊
- Capacity = 100, Size = 5
- Traversal → Visit
- Insertion
- Deletion
- Searching
- Sorting =
- ind 2 → 5
- $O(1)$ Best Case Insertion
- $O(n)$ Worst Case
- Size -- 1