What is Linked List?

- A Linked List is a linear data structure consisting of nodes.

- Each node contains data and a reference (pointer) to the next node.

- Unlike arrays, linked lists do not store elements in contiguous memory.

- Arrays have fixed size; linked lists are dynamic and can grow or shrink.

Types

- **Singly Linked List:** nodes point to next node only.

- **Doubly Linked List:** nodes have pointers to next and previous nodes.

- **Circular Linked List:** last node points back to the first node.