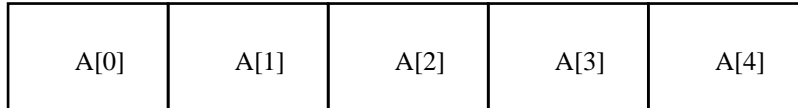


Basic Linear Data Structures

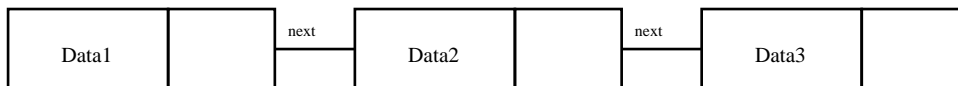
1. Array

- Fixed size.
- Stores elements in continuous memory locations.



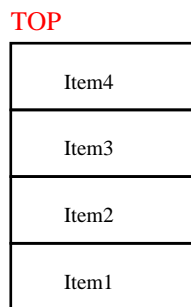
2. Linked List

- Collection of nodes connected using pointers.
- Each node has data and address of next node.



3. Stack

- Linear data structure.
- Follows LIFO (Last In, First Out).



4. Queue

- Linear data structure.
- Follows FIFO (First In, First Out).

