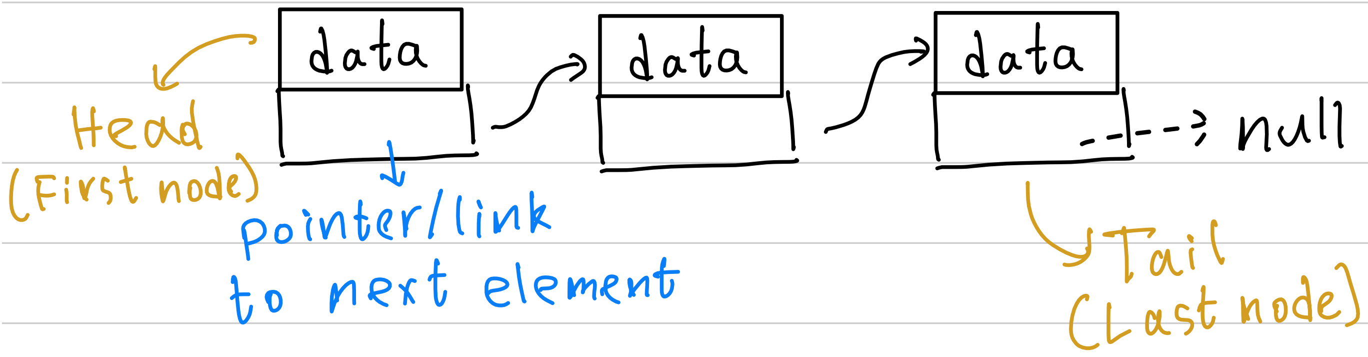
Linked lists

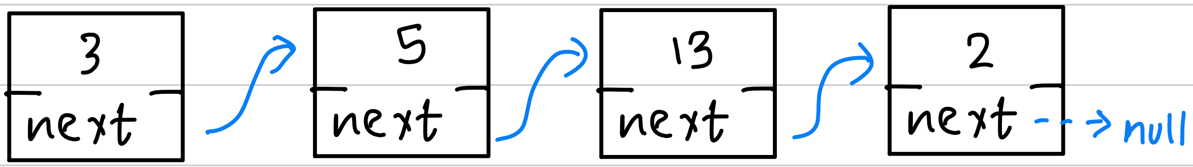


* Nodes are store whereever there is free space in memory (No need to be stored contiguously)

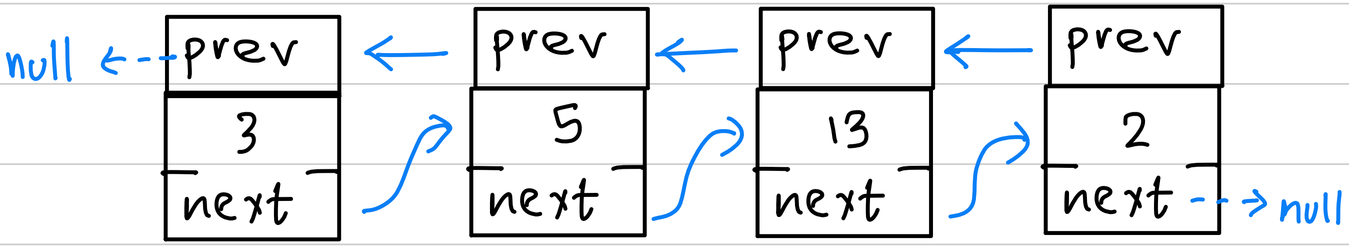
* When adding/remoring, the rest doesn't have to be shifted.

* No Random access

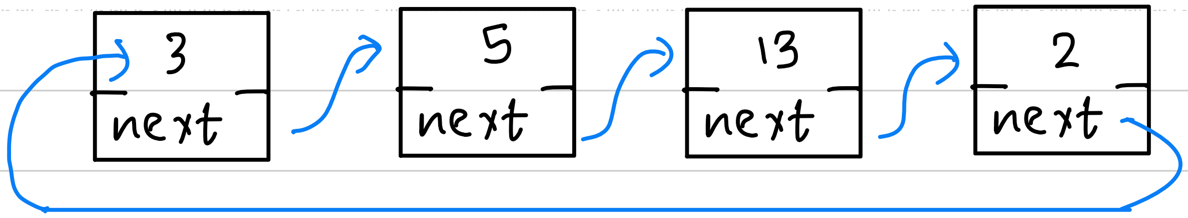
Singly Linked List



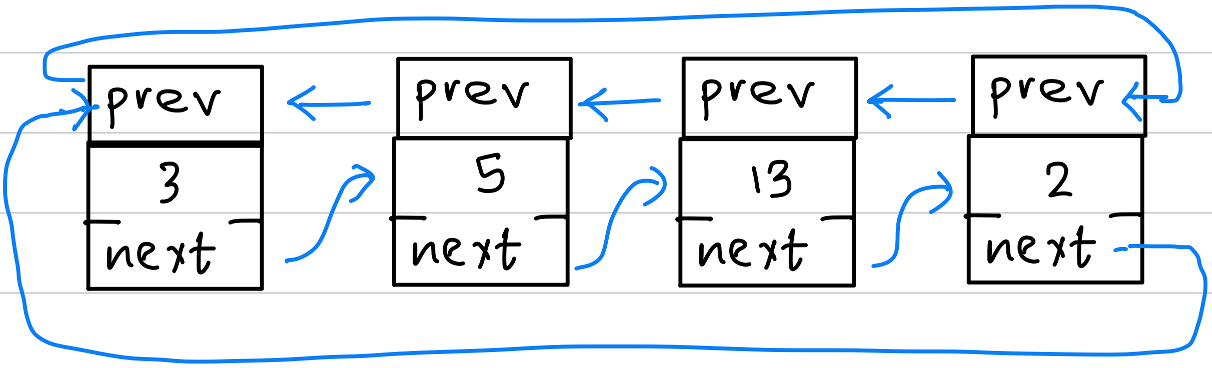
Doubly Linked List



Circular Singly Linked List

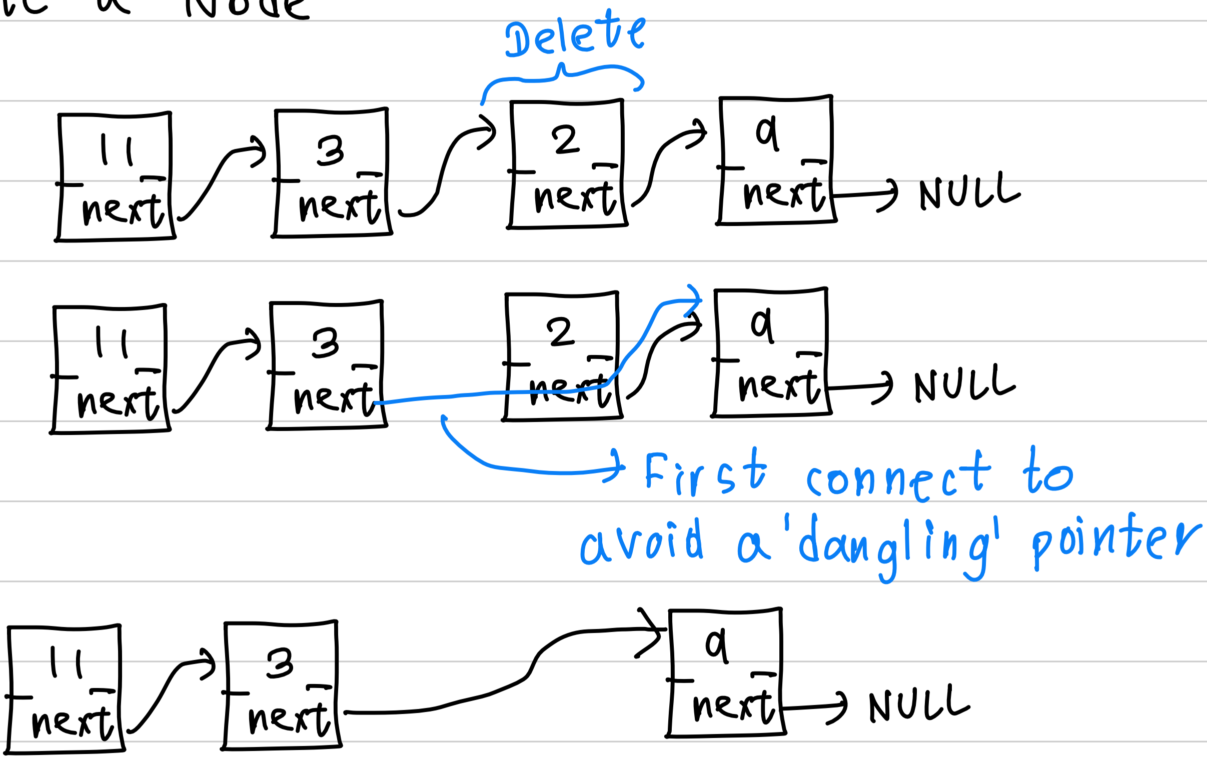


Circular Doubly Linked List



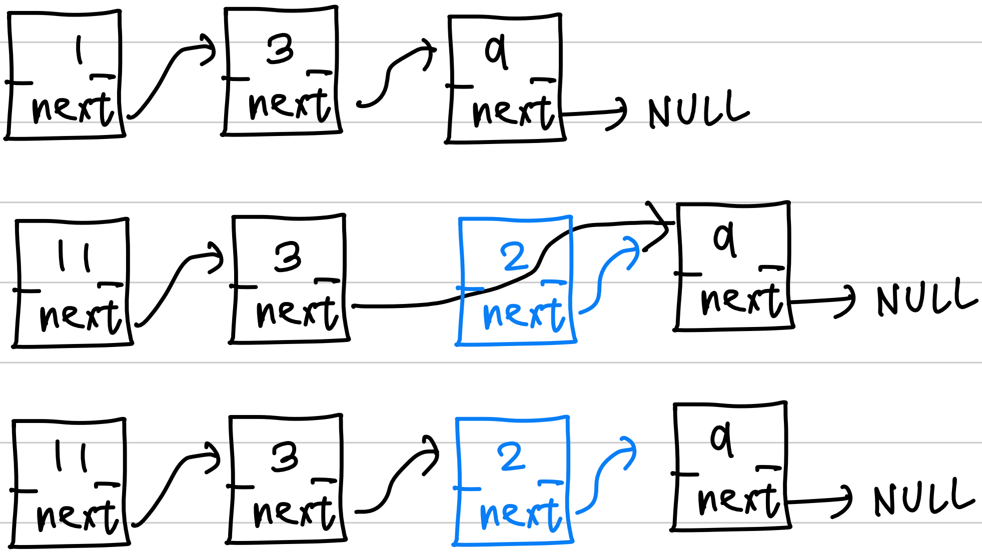
Linked List Operations

- * Traversal: As shown above
- * Find lowest value:
  Traverse through the list to find the smallest value.
- * Delete a Node



* Should return the new head in the delete function

* Insert a node



* Should return new head.

* Sorting algorithms can be done on linked lists using deletion, insertion & find.
  ↳ But some algorithms might not fit well for linked lists.