How To Master Linked List - Data Structure

- PreRequisites
  - Arrays
  - Recursion
  - Time And Space Complexity
- Full Practice Link
  - https://www.codingninjas.com/codestudio/guided-paths/data-structures-algorithms/content/118786/offering/1382019
- Basic Operations On Linked List
  - Taking Input
  - Insert Element In Linked List
    - Iteratively
    - Recursively
  - Search Element In Linked List
    - Iteratively
    - Recursively
  - Delete Element In Linked List
    - Iteratively
    - Recursively
- Reverse Operations On Linked List
  - Reverse Linked List
    - Iteratively
    - Recursively
  - K-Reverse Linked List
    - Iteratively
    - Recursively
    - https://www.codingninjas.com/codestudio/guided-paths/data-structures-algorithms/content/118786/offering/1381239
  - Add Two Linked Lists
    - https://www.codingninjas.com/codestudio/guided-paths/data-structures-algorithms/content/118786/offering/1381244
  - Rearrange Linked List
    - https://www.codingninjas.com/codestudio/guided-paths/data-structures-algorithms/content/118786/offering/1381253
- Standard Questions And Applications on Linked List
  - Slow And Fast Pointer

- Delete Middle Node
  - https://www.codingninjas.com/codestudio/guided-paths/data-structures-algorithms/content/118786/offering/1381207
- Detect And Remove Loop
  - https://www.codingninjas.com/codestudio/guided-paths/data-structures-algorithms/content/118786/offering/1381210
- Merge Two Sorted Linked Lists
  - https://www.codingninjas.com/codestudio/guided-paths/data-structures-algorithms/content/118786/offering/1381196
- Merge Sort On Linked List
  - https://www.codingninjas.com/codestudio/guided-paths/data-structures-algorithms/content/118786/offering/1382021
- Intersection Of Linked List
  - https://www.codingninjas.com/codestudio/guided-paths/data-structures-algorithms/content/118786/offering/1381194
- More Applications Of Linked List
  - Count Inversion
    - https://www.codingninjas.com/codestudio/guided-paths/data-structures-algorithms/content/118786/offering/1381232
  - Pair Swap
    - https://www.codingninjas.com/codestudio/guided-paths/data-structures-algorithms/content/118786/offering/1381201
  - Add One To Linked List
    - https://www.codingninjas.com/codestudio/guided-paths/data-structures-algorithms/content/118786/offering/1381204
  - Check Linked List Palindrome
    - https://www.codingninjas.com/codestudio/guided-paths/data-structures-algorithms/content/118786/offering/1381193
- Other Types Of Linked List
  - Doubly Linked List
    - https://www.codingninjas.com/codestudio/guided-paths/data-structures-algorithms/content/118796/offering/1382155
  - Circular Linked List
    - https://www.codingninjas.com/codestudio/guided-paths/data-structures-algorithms/content/118796/offering/1382153
- Move On
  - Stacks And Queues - Linked List Implementation
  - Trees
    - Covert BST Into Sorted LL