

Data Structures Algorithms Interview Preparation Topic-wise Practice C++ Java Pyth

- 1. Introduction to Linked List
- 2. Linked List vs Array
- 3. Linked List Insertion
- 4. Linked List Deletion (Deleting a given key)
- 5. Linked List Deletion (Deleting a key at given position)
- 6. Write a function to delete a Linked List
- 7. Find Length of a Linked List (Iterative and Recursive)
- 8. Search an element in a Linked List (Iterative and Recursive)
- 9. Write a function to get Nth node in a Linked List
- 10. Nth node from the end of a Linked List
- 11. Print the middle of a given linked list
- 12. Write a function that counts the number of times a given intoccurs in a Linked List
- 13. Detect loop in a linked list
- 14. Find length of loop in linked list
- 15. Function to check if a singly linked list is palindrome
- 16. Remove duplicates from a sorted linked list
- 17. Remove duplicates from an unsorted linked list
- 18. Swap nodes in a linked list without swapping data
- 19. Pairwise swap elements of a given linked list
- 20. Move last element to front of a given Linked List
- 21. Intersection of two Sorted Linked Lists
- 22. Intersection point of two Linked Lists.
- 23. QuickSort on Singly Linked List
- 24. Segregate even and odd nodes in a Linked List
- 25. Reverse a linked list
- 26. Recursive function to print reverse of a Linked List
- 27. Iteratively Reverse a linked list using only 2 pointers (An Interesting Method)
- ેં તે. Merge two sorted linked lists such that merged list is in reverse order
 - . Reverse a Linked List in groups of given size
- 30. Reverse a Linked List in groups of given size | Set 2
- 31. Reverse alternate K nodes in a Singly Linked List

- 32. Alternate Odd and Even Nodes in a Singly Linked List
- 33. Delete alternate nodes of a Linked List
- 34. Alternating split of a given Singly Linked List
- 35. Identical Linked Lists
- 36. Delete nodes which have a greater value on right side
- 37. Add two numbers represented by linked lists | Set 1
- 38. Delete a given node in Linked List under given constraints
- 39. Find a triplet from three linked lists with sum equal to a given number
- 40. Rotate a Linked List
- 41. Flattening a Linked List
- 42. Add two numbers represented by linked lists | Set 2
- 43. Sort a linked list of 0s, 1s and 2s
- 44. Flatten a multilevel linked list
- 45. Delete N nodes after M nodes of a linked list
- 46. Pairwise swap elements of a given linked list by changing links
- 47. Given a linked list of line segments, remove middle points
- 48. Clone a linked list with next and random pointer | Set 1
- 49. Clone a linked list with next and random pointer | Set 2
- 50. Insertion Sort for Singly Linked List
- 51. Point to next higher value node in a linked list with an arbitrary pointer
- 52. Rearrange a given linked list in-place.
- 53. Sort a linked list that is sorted alternating ascending and descending orders.
- 54. Select a Random Node from a Singly Linked List
- 55. Compare two strings represented as linked lists
- 56. Rearrange a linked list such that all even and odd positioned nodes are together
- 57. Rearrange a Linked List in Zig-Zag fashion
- 58. Add 1 to a number represented as linked list
- 59. Point arbit pointer to greatest value right side node in a linked list
- 60. Generic Linked List in C
- 61. Check if a linked list of strings forms a palindrome
- 62. Sort linked list which is already sorted on absolute values
- 63. Delete last occurrence of an item from linked list
- 64. Delete a Linked List node at a given position
- 65. Linked List in java
- 66. Decimal Equivalent of Binary Linked List
- 67. Flatten a multi-level linked list | Set 2 (Depth wise)
- 68. Rearrange a given list such that it consists of alternating minimum maximum elements
- 69. Subtract Two Numbers represented as Linked Lists
 - . Find pair for given sum in a sorted singly linked without extra space
- . 1. Partitioning a linked list around a given value and keeping the original order
- 72. Check linked list with a loop is palindrome or not

- 73. Clone a linked list with next and random pointer in O(1) space
- 74. Length of longest palindrome list in a linked list using O(1) extra space
- 75. Adding two polynomials using Linked List
- 76. Implementing Iterator pattern of a single Linked List
- 77. Move all occurrences of an element to end in a linked list
- 78. Remove all occurrences of duplicates from a sorted Linked List
- 79. Remove every k-th node of the linked list
- 80. Check whether the length of given linked list is Even or Odd
- 81. Multiply two numbers represented by Linked Lists
- 82. Find the sum of last n nodes of the given Linked List
- 83. Count pairs from two linked lists whose sum is equal to a given value
- 84. Merge Sort for Linked Lists
- 85. Merge two sorted linked lists
- 86. Merge a linked list into another linked list at alternate positions
- 87. In-place Merge two linked lists without changing links of first list
- 88. Delete middle of linked list
- 89. Merge K sorted linked lists | Set 1
- 90. Merge k sorted linked lists | Set 2 (Using Min Heap)
- 91. Merge two sorted lists (in-place)
- 92. Union and Intersection of two Linked Lists
- 93. Union and Intersection of two linked lists | Set-2 (Using Merge Sort)
- 94. Union and Intersection of two linked lists | Set-3 (Hashing)
- 95. Recursive selection sort for singly linked list | Swapping node links
- 96. Insert node into the middle of the linked list
- 97. Sort a linked list of 0s, 1s and 2s by changing links
- 98. Insert a node after the n-th node from the end
- 99. Rotate Linked List block wise
- 100. Count rotations in sorted and rotated linked list
- 101. Make middle node head in a linked list

Quick Links:

- 'Practice Problems' on Linked List
- 'Videos' on Linked List
- 'Quizzes' on Linked List
- Ask a Question on 'Linked List'

