

DATA STRUCTURE

A list of video lectures

1. Dijkstra's Algorithm
2. Dijkstra's Algorithm
3. Dijkstra's Algorithm example 2
4. Quick Sort
5. Minimization of DFA
6. Mealy to Moore Conversion
7. Moore to Mealy conversion
8. Adjacency Matrix
9. Adjacency List
10. Prim's algorithm | Minimum Spanning Tree Ex. 05
11. Prim's algorithm | Minimum spanning tree Ex. 03
12. Prim's algorithm | Minimum spanning tree Ex. 04
13. Prim's algorithm | Minimum spanning tree Ex. 02
14. Kruskal's Algorithm | Minimum spanning tree Ex. 03
15. Dynamic Programming
16. Tree Introduction
17. Algorithm
18. Algorithm Analysis
19. Algorithm Writing
20. Space complexity
21. Time complexity
22. Static Memory Allocation
23. Dynamic Memory Allocation
24. Linked List
25. Linked List creation

26. Linked list traversal
27. Stack push operation
28. Stack Introduction
29. Stack Pop operations
30. Linear search
31. Queue deletion
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33. Dijkstra Algorithm : Single Source Shortest Path
34. Prims Kruskal algorithm, Adjancy matrix list, BFS, DFS
35. Merge Sort
36. Selection Sort
37. Row Major Order
38. Heap | Max Heap | Mean Heap
39. Bubble Sort
40. Binary Tree
41. Insertion Sort
42. AVL Tree | Height Balancing Tree | HBL
43. Tree Traversal | Inorder | Preorder | Postorder
44. Binary Search Tree | BST
45. Infix to Postfix expression Stack method

Related posts:

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2. Dijkstra Algorithm example 2 | Shortest path | Prof. Jayesh Umre

3. Mealy to Moore Conversion | RGPV | Prof. Jayesh Umre
4. Moore to Mealy conversion | RGPV | Prof. Jayesh Umre
5. Algorithm Analysis | Time and space complexity| Algorithm performance an...
6. Linked list traversal | Prof. Jayesh Umre
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