Week 6 (Data Structures - Week 3)

Name:
Mobile:

Data Structure Workouts
1. Learn the concepts of Tree. Complete at least three sample workouts. 2. Learn the concepts of Binary Search Tree. Complete at least three sample workouts. Example: a. Create a Binary Search Tree with insertion, contains, delete, three traversals (postorder, preorder, in order). b. Find the closest value to a given number in a Tree. c. Validate whether a given tree is BST or not. 3. Learn the concepts of Heap. Complete at least three sample workouts. Example: a. Create a min heap & max heap with build, insert, remove. 4. Learn the concept of Heap sort. Complete at least three sample workouts 5. Learn the concepts of Trie. Complete at least 3 sample workouts. 6. Learn the concepts of Graph. Complete at least three sample workouts. 7. Learn the concepts of Graph traversals (BFS, DFS). 8. Do at least 3 problems each for every structure from any competitive coding websites 9. Learn about the applications of all structures you covered this week
Write a short description about this task *Link to the folder containing code and screenshot of the output*
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