

1. Arrays

-Bare Minimum

- a. <https://www.geeksforgeeks.org/top-50-...>

-Bonus

- a. <https://www.interviewbit.com/courses/...>
- b. <https://leetcode.com/tag/array/>

2. Strings

-Bare Minimum

- a. <https://www.interviewbit.com/courses/...>

-Bonus

- a. <https://leetcode.com/tag/string/>
- b. <https://www.hackerrank.com/domains/al...>

3. Linked Lists

-Bare Minimum

- a. <https://www.interviewbit.com/courses/...>

-Bonus

- a. <https://leetcode.com/tag/linked-list/>
- b. <https://www.geeksforgeeks.org/top-20-...>

4. Stacks and Queues

-Theory:

- a. <https://www.geeksforgeeks.org/stack-d...>
- b. <https://www.geeksforgeeks.org/queue-s...>

-Bare Minimum

- a. <https://www.interviewbit.com/courses/...>

-Bonus

- a. <https://leetcode.com/tag/stack/>
- b. <https://leetcode.com/tag/queue/>
- c. <https://www.geeksforgeeks.org/queue-d...>
- d. <https://www.geeksforgeeks.org/stack-d...>

5. Tree-based data structures:

-Theory:

- a. <https://www.geeksforgeeks.org/binary-...>
- b. <https://www.geeksforgeeks.org/binary-...>

- c. [https://www.geeksforgeeks.org/trie-in...](https://www.geeksforgeeks.org/trie-in-...)
- d. <https://www.geeksforgeeks.org/heap-da...>
- e. <https://www.geeksforgeeks.org/hashting...>

-Bare minimum:

- a. <https://www.interviewbit.com/courses/...>
- b. <https://www.interviewbit.com/courses/...>
- c. <https://www.interviewbit.com/courses/...>

-Bonus

- a. <https://leetcode.com/tag/tree/>
- b. <https://leetcode.com/tag/heap/>
- c. <https://leetcode.com/tag/trie/>
- d. <https://leetcode.com/tag/hash-table/>

6. Graphs:

-Theory:

- a. <https://www.geeksforgeeks.org/graph-a...>

-Standard Algos:

- a. BFS - <https://www.geeksforgeeks.org/breadth...>
- b. DFS - <https://www.geeksforgeeks.org/depth-f...>
- c. Dijkstra - <https://www.geeksforgeeks.org/dijkstr...>
- d. Prim's - <https://www.geeksforgeeks.org/prims-m...>
- e. Kruskal - <https://www.geeksforgeeks.org/kruskal...>
- f. Floyd-Warshall - <https://www.geeksforgeeks.org/floyd-w...>
- g. Union Find - <https://www.geeksforgeeks.org/union-f...>

-Bare Minimum:

- a. <https://leetcode.com/tag/graph/> (Easy and Medium)

-Bonus:

- a. <https://www.interviewbit.com/courses/...>

7. Dynamic Programming:

-Video lectures:

- a. Lec 1 - <https://www.youtube.com/watch?v=OQ5js...>
- b. Lec 2 - <https://www.youtube.com/watch?v=ENyox...>
- c. Lec 3 - <https://www.youtube.com/watch?v=ocZMD...>

-Bare minimum (Standard problems):

- a. <https://www.geeksforgeeks.org/program...>
- b. <https://www.geeksforgeeks.org/0-1-kna...>
- c. <https://www.geeksforgeeks.org/coin-ch...>

- d. <https://www.geeksforgeeks.org/compute...>
- e. <https://www.geeksforgeeks.org/longest...>
- f. <https://www.geeksforgeeks.org/longest...>
- g. <https://www.geeksforgeeks.org/longest...>

-Bonus:

- a. <https://www.interviewbit.com/courses/...>
- b. <https://leetcode.com/tag/dynamic-prog...>