

Interview Practice Problems

1. Alien dictionary

[https://www.codingninjas.com/codestudio/problems/alien-dictionary_630423]

Companies: Sprinklr, Facebook

2. Strongly Connected Components (Tarjan's Algorithm)

[https://www.codingninjas.com/codestudio/problems/strongly-connected-components-tarjan-s-algorithm_985311]

Companies: Amdocs

3. Snake and Ladder

[https://www.codingninjas.com/codestudio/problems/snake-and-ladder_630458]

Companies: Amazon

4. Is it a Tree?

[https://www.codingninjas.com/codestudio/problems/is-it-a-tree_630511]

Companies: Barclays

5. M-Coloring Problem

[https://www.codingninjas.com/codestudio/problems/m-coloring-problem_981273]

Companies: Cerner Corporation

6. Count nodes within K-distance

[https://www.codingninjas.com/codestudio/problems/count-nodes-within-k-distance_992849]

Companies: Microsoft, Adobe

7. Shortest path in an unweighted graph

[https://www.codingninjas.com/codestudio/problems/shortest-path-in-an-unweighted-graph_981297]

Companies: Amazon, Microsoft, JP Morgan

8. Fire in the cells

[https://www.codingninjas.com/codestudio/problems/fire-in-the-cells_920460]

Companies: Amazon

9. Count ways to reach nth stair

[https://www.codingninjas.com/codestudio/problems/count-ways-to-reach-nth-stairs_798650]

Companies: Adobe, Expedia, Microsoft, Morgan Stanley

10. Palindrome Partitioning

[https://www.codingninjas.com/codestudio/problems/palindrome-partitioning_873266]

Companies: Microsoft, Google

11. Longest Palindromic Substring

[https://www.codingninjas.com/codestudio/problems/longest-palindromic-substring_758900]

Companies: Amazon, Microsoft, Samsung, Visa

12. Longest Palindromic Subsequence

[https://www.codingninjas.com/codestudio/problems/longest-palindromic-subsequence_842787]

Companies: Microsoft

13. Minimum cost to reach N

[https://www.codingninjas.com/codestudio/problems/min-steps-to-reach-n_893288]

Companies: OYO

14. Rod Cutting Problem

[https://www.codingninjas.com/codestudio/problems/rod-cutting-problem_800284]

Companies: Samsung, Google

15. Optimal Strategy for a game

[https://www.codingninjas.com/codestudio/problems/optimal-strategy-for-a-game_975479]

Companies: Google, IBM

16. Maximum sum of two subarrays of given size

[https://www.codingninjas.com/codestudio/problems/maximum-sum-two-non-overlapping-subarrays-of-a-given-size_800291]

Companies: Adobe, Expedia, Microsoft

17. Common Elements

[https://www.codingninjas.com/codestudio/problems/common-elements_799928]

Companies: Societe Generale

18. Check if given words are present in a string

[https://www.codingninjas.com/codestudio/problems/check-if-given-words-are-present-in-a-string_975324]

Companies: Cerner Corporation

19. Maximum XOR

[https://www.codingninjas.com/codestudio/problems/maximum-xor_973113]

Companies: DE Shaw

20. Count distinct substrings

[https://www.codingninjas.com/codestudio/problems/count-distinct-substrings_985292]

Companies: PAYTM

21. Word Break II

[https://www.codingninjas.com/codestudio/problems/word-break-ii_983635]

Companies: Cerner Corporation