Mindluster Platform

About the course Graphs Data Structures Algorithms

A graph is a non-linear kind of data structure made up of nodes or vertices and edges. The edges connect any two nodes in the graph, and the nodes are also known as vertices .

Programming Category's Courses

Course Lesson(33)

Lesson 1 : **Introduction to Graphs | Types of Graphs | Data Structures**

Lesson 2 : **Graph Representation in Data Structure | C Java Python3**

Lesson 3 : **Breadth First Search in Data Structure | Graph Traversal | BFS Algorithm | C Java Python**

Lesson 4 : **Depth First Search in Data Structure | Graph Traversal | DFS Algorithm | C Java Python**

Lesson 5 : **Applications of BFS and DFS | Graph Traversals**

Lesson 6 : **Iterative Depth First Search in Data Structure | DFS Iterative | C Java Python**

Lesson 7 : **Pre and Post visited Times in DFS | Graphs | Pre and Post numbers**

Lesson 8 :
DFS Types of Edges | Edge Classification | Tree Edge Back Edge Forward Edge Cross Edge

Lesson 9 : **Detect Cycle in Directed Graph | Cycle Detection Algorithm**

Lesson 10 : **Detect Cycle in Undirected Graph | Cycle Detection Algorithm**

Lesson 11 : **Topological Sort Algorithm | Topological Sorting in Graph**

Lesson 12 : **Kosaraju Algorithm | Strongly Connected Components**

Lesson 13 : **Binary Tree Level Order Traversal ii | LeetCode 107 | C Java Python**

Lesson 14 : **LeetCode 30 day Challenge | Day 17 | Number of Islands C Java Python | LeetCode 200**

Lesson 15 : **LeetCode 30 day Challenge | Day 18 | Minimum Path Sum C Java Python | LeetCode 64**

Lesson 16 : **Surrounded Regions | LeetCode 130 | C Java Python**

Lesson 17 : **Course Schedule | LeetCode 207 | Cycle in Directed Graph | C Java Python**

Lesson 18 : **Course Schedule II | LeetCode 210 | C Java Python**

Lesson 19 : **Dijkstra Algorithm | Shortest Path**

Lesson 20 : **Cheapest Flights Within K Stops | LeetCode 787 | C Java Python**

Lesson 21 : **Reconstruct Itinerary | LeetCode 332 | C Java Python**

Lesson 22 : **Word Search | LeetCode 79 | C Java Python3**

Lesson 23 : **Word Search ii | LeetCode 212 | C Java Python**

Lesson 24 : **LeetCode 133 Clone Graph | Facebook Coding Interview | Amazon Coding Interview**

Lesson 25 : **Maximum Width of Binary Tree | LeetCode 662 | C Python**

Lesson 26 : **All Paths From Source to Target | LeetCode 797 | C Java Python3**

Lesson 27 : **Rotting Oranges | LeetCode 994 | C Java Python**

Lesson 28 : **Numbers With Same Consecutive Differences | LeetCode 967 | C Java Python**

Lesson 29 : **Largest Component Size by Common Factor | LeetCode 952 | C Java Python**

Lesson 30 : **Minimum Height Trees | LeetCode 310 | C Java Python**

Lesson 31 : **Max Area of Island | LeetCode 695 | C Python**

Lesson 32 : **Word Ladder II | LeetCode 126 | C**

Lesson 33 : **Jump Game iii | LeetCode 1306 | C**

Related courses

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