

◀ Back to Explore

☆ Favorite

Detailed Explanation of

Graph



Overview

Graph is probably the data structure that has the closest resemblance to our daily



Disjoint Set



The Depth First Search Algorithm in Graph



The Breadth First Search Algorithm in Graph



Algorithms to Construct Minimum Spanning Tree



Single Source Shortest Path Algorithm



Kahn's Algorithm for Topological Sorting



Discuss

29 topics - share ideas and ask questions about this card

Disjoint Set



☒ Overview of Disjoint Set

☒ Quick Find - Disjoint Set

☒ Quick Union - Disjoint Set

☒ Union by Rank - Disjoint Set

☒ Path Compression Optimization - Disjoint Set

☒ Optimized “disjoint set” with Path Compression and Union by Rank

☒ Summary of the “disjoint set” data structure

☒ Number of Provinces

☒ LeetCode 547 - Number of Provinces - Disjoint Sets

☒ Graph Valid Tree



☒ Number of Connected Components in an Undirected Graph



☒ The Earliest Moment When Everyone Become Friends



☐ Smallest String With Swaps

☐ Evaluate Division

☐ Optimize Water Distribution in a Village

