


Data Structure

In computer science, a data structure is a way to store and organize data.

During the computer programming process, identifying and using the appropriate data structure is an important task as it can improve the overall efficiency of the algorithm. In large-scale systems, choosing the most suitable data structure directly impacts the difficulty of program design and the final quality and performance.


Collapse 



Data Str...

Data Structure I

Easy	Medium	Hard
11	3	0
28	5	0



7 / 14
day


Day 1 Array

217. Contains Duplicate

Array Hash Table Sorting

Acceptance 61.1%

Easy


Completed 

53. Maximum Subarray

Array Divide and Conquer Dynamic Programming

Acceptance 49.8%

Medium

Completed 


Day 2 Array

1. Two Sum

Array Hash Table

Acceptance 48.9%

Easy


Completed 

88. Merge Sorted Array

Array Two Pointers Sorting

Acceptance 45.2%

Easy

Completed 


Day 3 Array

350. Intersection of Two Arrays II

Array Hash Table Two Pointers Binary Search Sorting

Acceptance 55.3%

Easy

Completed 

121. Best Time to Buy and Sell Stock

Array Dynamic Programming

Easy

Acceptance 54.4%

Completed✔

Day 4 Array

566. Reshape the Matrix

Easy

Array Matrix Simulation

Acceptance 62.6%

Completed✔

118. Pascal's Triangle

Easy

Array Dynamic Programming

Acceptance 67.7%

Completed✔

Day 5 Array

36. Valid Sudoku

Medium

Array Hash Table Matrix

Acceptance 56.1%

Completed✔

74. Search a 2D Matrix

Medium

Array Binary Search Matrix

Acceptance 45.9%

Completed✔

Day 6 String

387. First Unique Character in a String

Easy

Hash Table String Queue Counting

Acceptance 57.7%

[Start Now »](#)

383. Ransom Note

Easy

Hash Table String Counting

Acceptance 56.3%

Completed✔

242. Valid Anagram

Easy

Hash Table String Sorting

Acceptance 62.5%

Completed✔

Day 7 Linked List

141. Linked List Cycle

Easy

Hash Table Linked List Two Pointers

Acceptance 46.5%

Completed✔

21. Merge Two Sorted Lists

Easy

Linked List Recursion

Acceptance 61.2%

Completed ✓

203. Remove Linked List Elements

Easy

Linked List Recursion

Acceptance 44.2%

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Day 8 Linked List

206. Reverse Linked List

Easy

Linked List Recursion

Acceptance 71.5%

Locked 🔒

83. Remove Duplicates from Sorted List

Easy

Linked List

Acceptance 49.5%

Locked 🔒

Day 9 Stack / Queue

20. Valid Parentheses

Easy

String Stack

Acceptance 40.8%

Locked 🔒

232. Implement Queue using Stacks

Easy

Stack Design Queue

Acceptance 60.0%

Locked 🔒

Day 10 Tree

144. Binary Tree Preorder Traversal

Easy

Stack Tree Depth-First Search Binary Tree

Acceptance 63.7%

Locked 🔒

94. Binary Tree Inorder Traversal

Easy

Stack Tree Depth-First Search Binary Tree

Acceptance 71.7%

Locked 🔒

145. Binary Tree Postorder Traversal

Easy

Stack Tree Depth-First Search Binary Tree

Acceptance 65.5%

Locked 🔒

Day 11 Tree

102. Binary Tree Level Order Traversal

Medium

Tree Breadth-First Search Binary Tree

Acceptance 62.6%	Locked		
104. Maximum Depth of Binary Tree	Easy		
Tree	Depth-First Search	Breadth-First Search	Binary Tree
Acceptance 72.6%	Locked		
101. Symmetric Tree	Easy		
Tree	Depth-First Search	Breadth-First Search	Binary Tree
Acceptance 52.3%	Locked		

Day 12 Tree

226. Invert Binary Tree	Easy		
Tree	Depth-First Search	Breadth-First Search	Binary Tree
Acceptance 72.5%	Locked		
112. Path Sum	Easy		
Tree	Depth-First Search	Breadth-First Search	Binary Tree
Acceptance 46.2%	Locked		

Day 13 Tree

700. Search in a Binary Search Tree	Easy		
Tree	Binary Search Tree	Binary Tree	
Acceptance 76.8%	Locked		
701. Insert into a Binary Search Tree	Medium		
Tree	Binary Search Tree	Binary Tree	
Acceptance 74.8%	Locked		

Day 14 Tree

98. Validate Binary Search Tree	Medium		
Tree	Depth-First Search	Binary Search Tree	Binary Tree
Acceptance 31.0%	Locked		
653. Two Sum IV - Input is a BST	Easy		
Hash Table	Two Pointers	Tree	Depth-First Search Breadth-First Search
Acceptance 59.2%	Locked		
235. Lowest Common Ancestor of a Binary Search Tree	Easy		
Tree	Depth-First Search	Binary Search Tree	Binary Tree
Acceptance 58.4%	Locked		