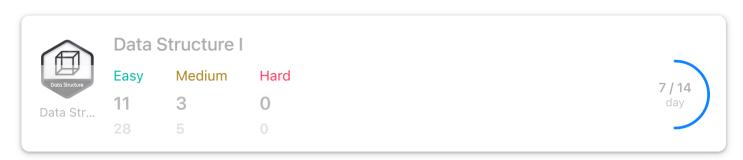
Data Structure

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



Day 1 Array

217. Contains Duplicate	Easy
Array Hash Table Sorting	
Acceptance 61.1%	Completed⊗
53. Maximum Subarray	Medium
Array Divide and Conquer Dynamic Programming	
Acceptance 49.8%	Completed⊙

Day 2 Array

1. Two Sum	Easy
Array Hash Table	
Acceptance 48.9%	Completed⊗
88. Merge Sorted Array	Easy
Array Two Pointers Sorting	
Acceptance 45.2%	Completed⊙

Day 3 Array

350. Intersection of Two Arrays II	Easy
Array Hash Table Two Pointers Binary Search Sorting	
Acceptance 55.3%	Completed ⊘
121. Best Time to Buy and Sell Stock	Easy
Array Dynamic Programming	

Acceptance 54.4%	Completed ⊗
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Day 4 Array

566. Reshape the Matrix	Easy
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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

Hash Table String Queue Counting

Acceptance 57.7% Start Now >>

383. Ransom Note

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 Hash Table Linked List Two Pointers Easy

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%	Start Now »

Day 8 Linked List

206. Reverse Linked List	Easy
Linked List Recursion	
Acceptance 71.5%	
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%	
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%	
94. Binary Tree Inorder Traversal	Easy
Stack Tree Depth-First Search Binary Tree	
Acceptance 71.7%	
145. Binary Tree Postorder Traversal	Easy
Stack Tree Depth-First Search Binary Tree	
Acceptance 65.5%	Locked <u></u>

Day 11 Tree

102. Binary Tree Level Order Traversal			N	Medium	
	Breadth-First Search				

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. In	vert Binary Tree		Easy
	Depth-First Search	Breadth-First Search	
Accept	ance 72.5%		
112. Pa	th Sum		Easy
	Depth-First Search	Breadth-First Search	
Accept	ance 46.2%		Locked 🖰

Day 13 Tree

700. Search in a Binary Search Tree	Easy
Tree Binary Search Tree Binary Tree	
Acceptance 76.8%	
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%	
653. Two Sum IV - Input is a BST	Easy
Hash Table Two Pointers Tree Depth-First Search Breadth-First Search	
Acceptance 59.2%	
235. Lowest Common Ancestor of a Binary Search Tree	Easy
Tree Depth-First Search Binary Search Tree Binary Tree	
Acceptance 58.4%	