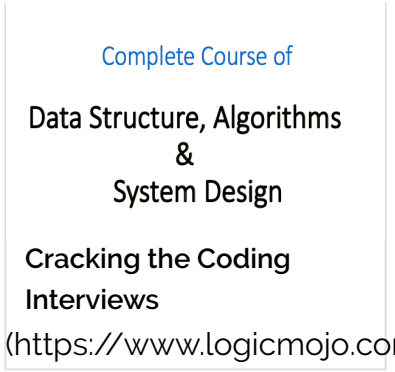
Top course



(https://www.logicmojo.com/product/38)

★★★★★

229 Learners Subscribed

YouTube **(https://www.youtube.com/channel/UCvEbA5RN5YLeOwYLXwC-jhg/videos)**

Author comment

Cracking the Coding Interviews

Course Content 112 lectures 26:15:17

Course Information + 01:14

Course Information ▾ **Preview** 01:14

Array problems solving techniques with examples + 4:26:42

Segregation logic to Sort an array of 0's, 1's and 2's ▾ 12:27

Linear time approach to solve jump game problem		08:41
Digit rearrangement method to find next greater number with same set of digits		12:23
Rectangle Overlap problem		11:16
Greedy Techniques to find minimum number of platforms		11:4
Techniques to print matrix in spiral order without any extra space		12:31
Count frequencies of array elements in O(n) time complexity		18:5
Linear time approach to solve Stock Buy Sell Problem		15:14
In-place techniques matrix rotation method by 90 degree		12:20
Array puzzle of solving celebrity problem		08:59
Lexicographical order method to solve next permutation problem	**Preview**	17:30
QuickSelect Algorithm to find the Kth smallest Element in array - 1		10:47
QuickSelect Algorithm to find the Kth smallest Element in array - 2		13:48
Xor method to find the element that occurs one		04:8
Binary search method to find square root of an element		05:35
Rain Trapping Problem		09:52
Merge sort method to Count inversion in an array		12:26

Binary search method to find Median of two sorted Array		20:19
Design a data Structure which support Insert delete, Random in O(1) time	**Preview**	19:13
Smallest window in a string containing all characters of another string - 1		15:39
Smallest window in a string containing all characters of another string - 2		14:25

- -MORE- -

System Design Problems Discussion +

6:21:10

Design Facebook NewsFeed	15:8
Design Tiny URL	15:15
Design youtube/Netflix	21:26
Design BookMyShow	20:30
Design Uber	19:33
System design component: Sharding techniques	12:16
Backend System techniques for distributed system : SQl/NoSQL	13:39
Design WhatsApp Chat Service	19:36
Design Twitter like social networking service	21:1

Design Generic Deck of Cards	**Preview**	08:38
Design parking Lot		13:32
Design Online Hotel Booking System		11:54
Design Instagram		23:6
Design Drop Box/Google Drive		22:22
Design Hit Counter		20:19
Design Customs HashMap Implementation Internals - 1	**Preview**	17:24
Design Customs HashMap Implementation Internals - 2		02:58
Design Airline Reservation System		18:15
Design a two Player Online Chess Game		29:58
Design Online Shopping System Like Amazon, Flipkart		13:33
Design Cricinfo		11:6
Design Online food delivery system like Swiggy, Zomato		17:37
Design online Discussion forum (like stackoverflow,quora)		12:4

- -MORE- -

Graph Algorithms & Application +

3: 06:53

Depth-first search method to find cycle in a graph	13:55
Topological sorting concepts and implementation	16:18
Breadth first search algorithm to find Number of IsLand in matrix	14:35
Dijkstra Algorithm explanation with example	19:5
Topological Algorithm to solve alien dictionary problem	12:15
Breadth first search algorithm to solve Rotten Orange Problem	18:14
Trie data structure approach to solve word boggle Problem	11:58
Breadth first search algorithm to solve snake ladder problem	17:14
Understanding Queue based approach to Jumping Number problem	11:42
Trie data Structure implementation	15:9
Trie data structure approach to solve type head suggestion problem	16:9
Package Dependency Problem Using Topological Sorting	20:19

- -MORE- -

Dynamic Programming tips and tricks with examples +

2:51:54

How to Solve DP problems	07:40
Longest Common Subsequences	11:8
Edit Distance Problem	13:38
Coin Change Problem	11:50
Longest Palindrome Subsequences	10:9
Word Break Problem	13:5
Egg Dropping Problem	09:27
KnapSack Problems	17:45
Keystroke Problem	10:58
String interleave Problem	13:52
Partition Problem	15:41
Wild Card Problem	20:39
Matrix Path Problem	07:47
Climbing Stairs Problem	08:15

- -MORE- -

Backtracking Algorithm Explanation with Examples ✚ 1:30:32

- Sudoku Solving Problem - 1 ▾ 12:20
- Sudoku solving Problem - 2 ▾ 10:14
- Print all Permutations of a given String ▾ 13:12
- Rat Maze Problem ▾ 20:35
- Knight Walk Problem ▾ 13:30
- Implement pow(x, n) ▾ 07:14
- N Queen Problem ▾ 13:27

- -MORE- -

Binary Tree Problems ✚ 3:21:31

- Connect Nodes at Same level in a Binary Tree ▾ 11:58
- Convert a Binary Tree to Doubly Linked List ▾ 13:11
- Print nodes at k distance from root ▾ 06:35
- Print all Nodes at Distance k from a given Node ▾ 17:15

Boundary Traversal of Binary Tree		11:8
Bottom View of Binary Tree		16:50
Construct Tree from PostOrder		18:24
Diameter of Binary tree		12:49
Left View of Binary Tree		08:46
Reverse level order Traversal of Binary Tree		06:5
Vertical sum of Binary Tree		12:11
Spiral Order of Binary Tree		13:29
Serialize and Deserialize a Binary Tree		18:0
Check if two N-ary trees are Mirror image or not	**Preview**	16:21
Maximum Path Sum in a Binary Tree		18:29

- -MORE- -

Hashing/Heap Sort ✚

2:30:12

Group Anagrams Together	11:34
Find first non-repeating character from a stream of characters	13:48

Design and implement LRU	21:12
Four Sum Problem	13:25
Convert Number to Words Problems	14:45
Min/Max Heap Implementation	09:13
Heapify operation implementation	06:50
Median of running data streams problem	20:11
Merge k Sorted arrays	09:11
Minimum Window Substring	30:3

- -MORE- -

Stack/Queue Problems ✚

1: 01:17

Histogram Problem	13:35
Stack that Supports getMin() in O(1)	16:48
Find Maximum size rectangle in Binary Sub-matrix	08:18
Sliding Window Problem using deque Data Structure	22:36

- -MORE- -

Linked List +

1: 03:52

Flattering of LinkedList ▾	12:18
Merge two Sorted Linked List ▾	11:1
Sort Linked List using Merge Sort ▾	17:31
Clone a Linked List ▾	10:43
Reverse K Linked List ▾	12:19

- -MORE- -

Complete Course of

Data Structure, Algorithms & System Design

Preview this course

₹1450 ~~₹2200~~

Subscribe

(https://www.logicmojo.com/purchase/38) **6 Months Access of complete course**

✓ **35% Discount For Limited Period**

✓ **Subscribers Will Get All Updates**

✓ **Interview preparation guidelines by expert**

Useful Links

- FAQ (faq)
- Success story (story)
- Interview tips (tips)
- Customer Review (review)
- Subscription steps (regDetail)

What our students have to say

nice selections of questions and explanation, many questions asked in interviews multiple times"

AKASH

About us

Contact Us (contact-us)

(https://www.instagram.com/logicmojo/)

Mojo-

108838737163028/)