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Top Questions from

# Amazon



## Overview

Top interview questions asked by Amazon as voted by the community. We compiled this list thoroughly so you can save time and get well-prepared for an Amazon interview. Completing this



### Arrays and Strings

Amazon likes to ask simple, basic array questions. We highly recommend you to practice First Unique Character in a String, which is a popular question being asked. We also recommend



### Linked Lists

These are some of the must-practice linked list questions asked by Amazon. We recommend you practice all of these questions.



### Trees and Graphs

As you can see, Amazon likes to ask questions related to the Tree data structure. We highly recommend Number of Islands which seems to be Amazon's favorite.



### Recursion

Not a lot of Recursion questions are asked by Amazon, but we still highly recommend you complete all these questions for review.



### Sorting and Searching

We highly recommend Kth Largest Element in an Array, which has been asked many times in an Amazon phone interview.



## Dynamic Programming

Amazon does not ask a whole lot of Dynamic Programming questions. We recommend Best Time to Buy and Sell Stock.



## Design

These are some design questions for you to practice for your Amazon interview. We highly recommend LRU Cache.



## Others

Here are some other questions for you to practice to prepare for your Amazon interview. We recommend Prison Cells After N Days.



## Discuss

(/discuss/explore/amazon)

1 topic - share ideas and ask questions about this card

# Introduction



Top interview questions asked by Amazon as voted by the community.

We compiled this list thoroughly so you can save time and get well-prepared for an Amazon interview.

Completing this card should give you a good idea of the type of questions you would encounter in your Amazon interview.

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### Arrays and Strings



Two Sum









Longest Substring Without Repeating...

- ☐  String to Integer (atoi)
- ☐  Container With Most Water
- ☐  Integer to Roman
- ☐  Roman to Integer
- ☐  3Sum
- ☐  3Sum Closest
- ☐  Implement strStr()
- ☐  Rotate Image
- ☐  Group Anagrams
- ☐  Minimum Window Substring
- ☐  Compare Version Numbers
- ☐  Product of Array Except Self
- ☐  Missing Number
- ☐  Integer to English Words
- ☐  First Unique Character in a String
- ☐  Valid Parentheses
- ☐  Most Common Word
- ☐  Reorder Log Files
- ☐  Trapping Rain Water












## Linked Lists



- ☐  Add Two Numbers
- ☐  Merge Two Sorted Lists
- ☐  Reverse Nodes in k-Group
- ☐  Copy List with Random Pointer
- ☐  Reverse Linked List
- ☐  Merge k Sorted Lists

## Trees and Graphs




- ☐  Validate Binary Search Tree
- ☐  Symmetric Tree
- ☐  Binary Tree Level Order Traversal
- ☐  Binary Tree Zigzag Level Order Traver...
- ☐  Binary Tree Maximum Path Sum
- ☐  Word Ladder II
- ☐  Word Ladder
- ☐  Number of Islands
- ☐  Course Schedule
- ☐  Lowest Common Ancestor of a Binary...
- ☐  Diameter of Binary Tree

☐  Cut Off Trees for Golf Event☐  Flood Fill

## Recursion

☐  Letter Combinations of a Phone Num...☐  Generate Parentheses☐  Word Search☐  Word Search II

## Sorting and Searching

☐  Median of Two Sorted Arrays☐  Search in Rotated Sorted Array☐  Merge Intervals☐  Two Sum II - Input array is sorted☐  Kth Largest Element in an Array☐  Meeting Rooms II☐  Top K Frequent Elements☐  K Closest Points to Origin

## Dynamic Programming


☐  Longest Palindromic Substring

☐  Maximum Subarray☐  Best Time to Buy and Sell Stock☐  Word Break☐  Coin Change

## Design

☐  LRU Cache☐  Min Stack☐  Find Median from Data Stream☐  Serialize and Deserialize Binary Tree☐  Design Tic-Tac-Toe☐  Design Search Autocomplete System☐  Maximum Frequency Stack

## Others

☐  Reverse Integer☐  Second Highest Salary☐  Partition Labels☐  Prison Cells After N Days

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