

# Stripe Cracker Sheet

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Note: [To Use this sheet optimally go and watch the "Cracking the Amazon coding interview 🔥: The definitive prep guide" video on Debug Buzz Channel.

Link - <https://youtu.be/GHOCFhxXJjl> ]

**Q)**

There are some tasks/microservices  $n_1, n_2, n_3, n_4$  etc. You will be given a dependency list for eg

$[(n_1, n_2), (n_2, n_3)]$  signifying  $n_1$  depends on  $n_2$  and  $n_2$  depends on  $n_3$  and so on.

Every task/microservice needs time to execute. The time for task/microservice is  $t_1, t_2, t_3, t_4$  for  $n_1, n_2, n_3$  and  $n_4$  respectively.

The task is to find the minimum time to complete all tasks.

## Stripe Coding Interview Questions

- 1. Given:** An array of integers and a value.  
**Find:** Whether there are any two integers in the array whose sum is equal to the given value.
- 2. Given:** A two-dimensional array.  
**Task:** If any element zero, make the whole row and column zero.
- 3. Given:** The head pointers of two linked lists. Each linked list represents an integer number, where each node is a digit.  
**Task:** Add them and return the resulting linked list.
- 4. Given:** A linked list. Each node has two pointers — the regular 'next' pointer and an 'arbitrary\_pointer' that can point to any node in the linked list.  
**Task:** Write a code to make a deep copy of the given linked list (any operations on the original list — inserting, modifying, and removing — should not affect the copied list).
- 5. Given:** The root of a binary tree.  
**Task:** Display the node values at each level.
- 6. Given:** A binary tree  
**Task:** Connect sibling pointer to the next node in the same level, with the last node in each level pointing to the first node of the next level.

7. **Given:** A sentence (an array of characters).  
**Task:** Reverse the order of the words.
8. **Given:** String, 'S.'  
**Find:** All substrings in S that are palindromes (non-single-letter).
9. **Given:** A list of daily stock prices (integers).  
**Task:** Return the buy and sell prices for making the maximum profit. Maximize the single buy/sell profit and try to minimize the loss in case you can't make any profit.
10. **Given:** An unsorted array of positive numbers from 1 to n, containing all numbers from 1 to n, except one.  
**Find:** The missing number
11. **Given:** N people on an MxM grid.  
**Find:** A meeting point that will require the people to travel the least total distance.
12. **Given:** A positive integer.  
**Task:** Target and print all possible combinations of positive integers that sum up to the target number.

## Stripe System Design Interview Questions

1. Design an architecture to deliver webhooks to customers.
2. Design a notification system that can handle an enormous amount of traffic.
3. How will you sketch out the high-level design of a large system for a large company?

## Behavioral Stripe Interview Questions

1. We at Stripe are very proud that we stay one step ahead of our competitors. How will you contribute to this?
2. What is your technical specialty?
3. Walk us through your biggest work-related accomplishment.
4. Describe the ideal customer for Stripe.
5. Tell us about a new skill you acquired recently. How did you go about it?

- 6. According to you, what has been the biggest advancement in payment technology this past year?**
- 7. Differentiate between customer service and customer support.**
- 8. We always aim to hire leaders at Stripe. Elaborate upon a time when you were in a leadership role.**
- 9. What is your understanding of this position and the responsibilities that come with it?**