

b'

Amazon Interview Experience | Set 337 (For SDE-1)

- Difficulty Level : [Hard](#)
- Last Updated : 09 Jul, 2019

Amazon Bangalore/Chennai Interview for SDE 1 role

Round 1 \xe2\x80\x93 Pen Paper Test

- 1) [Root to leaf path sum equal to a given number, number can be positive or negative](#)
- 2) [Reverse a Linked List in groups of given size](#)

Round 2

- 1) [Two nodes of a BST are swapped, correct the BST](#)
- 2) [Given two \(binary\) trees, return the first pair of non-matching leaves](#)

Round 3

- 1) [Print distinct elements in every window of size k](#)
- 2) [Diagonal Traversal of Binary Tree](#)

Round 4

- 1) Design Pizza Class, mostly OOPs concepts.
- 2) [Print top 500 words in a dictionary on the basis of frequency](#)

Round 5 \xe2\x80\x93 Hiring Manager Round

- 1) Behavioural questions: Why to leave present company, Anything you want to change in yourself
- 2) How files are stored in memory? Is it compulsory to save each character in 8-bit? Can we have a variable length of bit representation? Why ASCII has 8 bit only?
For variable length I have said the Huffman Coding.

Round 6 \xe2\x80\x93 Bar Raiser Round

- 1) Behavioural questions : Anything that you have suggested apart from work, an instance where you have an argument with your manager, biggest accomplishment, biggest failure, anything that you have implemented apart from your day-to-day work.
- 2) What is semaphore?
- 3) What is design pattern? Explain Factory Design Pattern.
- 4) [Length of the longest substring without repeating characters](#)

If you like GeeksforGeeks and would like to contribute, you can also write an article using contribute.geeksforgeeks.org or mail your article to contribute@geeksforgeeks.org. See your article appearing on the GeeksforGeeks main page and help other Geeks.

Please write comments if you find anything incorrect, or you want to share more information about the topic discussed above.

[All Practice Problems for Amazon !](#)

My Personal Notes *narrow_drop_up*

Add your personal notes here

Save