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Amazon Interview Experience for SDE-1

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Round 1: It was an online round on Amcat platform consisting of two questions.

I don't exactly remember the question, but the first question was based on DFS and second on BFS.

Round 2: It was a 2f round in amazon hyd building

This round had 2 questions:-

Q1. <https://www.geeksforgeeks.org/find-next-greater-number-set-digits/>

Q2. Data structure with insert(), delete(), getRandom(), delrandom() functions, such that all happens in O(1) time.

Round 3: 2f round

An in-depth discussion of my previous work experience, followed by 2 design questions:-

Q1 design drinks vending machine.

Q2 design LRU cache, with complete code.

Round 4: 2f round

Q1. <https://www.geeksforgeeks.org/level-order-traversal-in-spiral-form/>
iterative as well as recursive approach.

Q2. Merge K sorted array.

link: <https://www.geeksforgeeks.org/merge-k-sorted-arrays-set-2-different-sized-arrays/>

Round 5: 2f round

An in-depth discussion of my previous work experience.

A question similar to :- <https://www.geeksforgeeks.org/find-possible-words-phone-digits/>

it was not exactly the same question but a variation of above.

My Personal Notes

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