Around April 2021 I gave interview for Amazon SDE2 position. First round was Online assessment round which I think had 2 questions. The questions were medium level of difficulty and I was able to solve both the questions in *last 15 minutes finally.*

Interview Rounds -:

First Round -:

DS/Algo round it was. The question was to extract the minimum number on k belts wherein each belt infinite stream of data was incoming. Gave a heap-based solution and coded that. Fully working code wasn't required but I had to satisfy the interviewer with my approach and corner cases. There was one more question he asked around arrays, but it was an easier question.

Second round -:

Cloning a binary tree. I had seen this question in college but had forgotten it entirely. So I gave him solution whatever came in my mind. And the interviewer grilled me lot over my solution. It seemed like he wanted me to go to certain direction, but I was kind of adamant over my solution no matter how much modifications I did to that:)

Third round -:

The interview where it went all wrong. I don't want to be defensive, but I hadn't really prepared for system design and my background was also not such that I was ready for that. The question was simple I.e., design a chess system but i gave a lot of wrong answers like which db to use and why, which protocol to use. After 30 mins of HLD, he moved to LLD of the same. There also I fumbled a lot and interviewer had to help me at various points.

Got a mail next day that I couldn't make it to next round. I didn't receive any feedback though I knew what went wrong.

So, my advice to all going to system design round is to prepare thorough. There are few courses I know can help you like -:

[educative](https://www.blogger.com/blog/post/edit/2210940707353586567/1802516235543312319)

[Gaurav Sen](https://www.blogger.com/blog/post/edit/2210940707353586567/1802516235543312319)