

# Amazon interview experience for Experienced

- Last Updated :15 Jul, 2019

Below are the questions asked in amazon interview for 3yr experienced guy in java technology.

## Round 1 (Telephonic) :

1. I was asked two DS questions in this round.

You are given an array containing length of the pipes. ith pipe has length  $a[i]$ , and length = cost of pipe. The array is unsorted, you have to combine pipes till there is only one pipe left and have to minimize the cumulative cost as well.

**Solution:** ([Connect n ropes with minimum cost](#))

2. Given a linked list, you have to reverse k alternate nodes.

**Solution:** ([Reverse alternate K nodes in a Singly Linked List](#))

## Round 2 (Face to Face \xe2\x80\x93 Technical) :

The came in asked questions about the **projects** I did. I was able to explain him as I only mentioned what I did and was confident about the pros and cons of it.

Besides projects, they asked one more question to find out first non repeated character in a character stream and the solution has to be optimal.

**Solution:** ([Given a string, find its first non-repeating character](#))

## Round 3 (Face to Face \xe2\x80\x93 System Design) :

- You have to design a game called wordament where you will generate 4\xc3\x974 matrix containing characters with each character holding a score. You have to design the gameplay, the game will stop automatically in 2 mins.

## Round 4 (Face to Face \xe2\x80\x93 Behavioral) : This round mainly focused on:

- The work done so far in my career.
- The approaches I adapted in different situations, what would have been my decision under certain conditions and why?
- How would I have tackled those situations.

The system design round became the hindrance for me to clear the interview process and resulted in rejection. Other wise there would have been 2 more rounds.

Best of luck \xf0\x9f\x99\x82

My Personal Notes\ *narrow\_drop\_up*

Add your personal notes here

Save