Questions

1. Given a source array of integers with possible duplicates and a target integer, write algorithm to find out 2 numbers in source array whose sum is equal to target integer.

https://www.geeksforgeeks.org/write-a-c-program-that-given-a-set-a-of-n-numbers-and-another-number-x-determines-whether-or-not-there-exist-two-elements-in-s-whose-sum-is-exactly-x/

2. Say you have three tables WORK, USERS, MANAGERS

WORK

– work_id

– user_id

– how_much

USERS

– user_id

– team

MANAGERS

– manager_id

– team

If I am a manager, write a select statement to retrieve the work of all users who belong to my team. The mapping of user to team and team to manager are defined in the USERS and MANAGERS table.

3. In a Chrome extension, which file contains the most important information of the extension like version, pattern matches, etc.

4. There are three rooms, and there are Princess, Flowers and Snake in those rooms. The doors of all the rooms have incorrect nameplates. i.e., the nameplate for the princess' room is not Princess. Similarly, the nameplate for the Flowers' room is not Flowers. You need t◯ the room of the Princess without going to the room of Snake. How do you find?

5. Which is faster: finding an item in a hashtable or in a sorted list? And Why?

6. What are some of the most popular Data interchange formats when using APIs

7. Name some popular APIs for each of these

Social

Commerce

Service(llike a photo service etc)

8. How would you change the format of all the phone numbers in 1000 static html pages?

9. If you had an opportunity to design the Google Suggest system, please let us know how you would approach it and how you would execute the plan in terms of settings up systems like(data stores or databases, indexing services etc)

10. How do you find out if a number is a power of 2? And how do you know if it is an odd number? Write code in the language of your choice.

Since i have prepared for tech interviews like amazon, i was able to do it good.

My sincere thanks to geeksforgeeks[You r doing a great Help]. My entire preparations are only from this site.

After a week i got a call from HR and informed that i cleared the first round .

Then after two days i was told that i will have a telephonic interview with one of the google developers from adwords team .

They scheduled a telephonic interview the next week

Telephonic interview[I screwed up here][Design Thinking Interview] [1 Hour]

There were two interviewers on phone. First they asked me to run through my resume.

Then the first question came

1) how will improve the **revenue** of the cafeteria of the office.

Lots of discussions went and i think, i really did that well.

2)[Actual question which i screwed up. Bad Time for me]
Number of users in 2010 for adwords, chrome, gmail, android and picassa are in the ratio of 6:9:14:13:8, and in 2011 we add 3 lakh more users. New ratio is 8:12:13:11:6. Number of picassa users in 2011= 1,44,000. Calculate number of adwords users in 2010.