GOLDMANSACHS INTERNSHIP INTERVIEW

Technical

Q1. Given any string. Write a program using any data structure to find the first repeating element. for eg, if the string is "abcbdecf…" then output should be "b".

In how many different ways can you do this using different data structures. Which one is the most efficient?

Q2. What is join, insert in dbms?

Rest all questions were asked related to my Summer project at IIT B. The questions were related to java, dbms and everything that I had mentioned as a part of my project. I was also asked to illustrate, in short, whatever I did there.

Puzzles

There is a bridge. Four soldiers are on one side. 1st soldier can cross the bridge in 1 minute, 2nd in 2 minutes, 3rd in 5 minutes and the last one in 10 minutes. There is only one torch. At a time not more than two soldiers can cross the bridge and while crossing the time taken will be that of the soldier who takes more time. The soldiers have to carry the torch with them. The bridge will collapse in 17 minutes. How will all the soldiers cross over to the next side?

When I gave the correct answer I was asked why this puzzle is out of box and tell the answer according to a common person's thinking.

HR

Q1. Why do you want to join GoldmanSach?

Q2. Tell something about yourself, your strength, weaknesses etc.

Q3. Being in electronics, why don't you want to go for core companies?

Q4. On a scale of 0 to 5 where would you rate yourself in C programming and DBMS and why?

Q5. Why should we hire you over other CS candidates when we are looking for strong software minds?

Q6. Is there anything you wish to know about Goldmansachs?