**1st round (Written test for programs)**

1. Add sum of digits of a given number **recursively**?
2. Given an array of 1000 elements contains numbers between 1 to 9, Find out the number of occurrence each element?
3. Given a set of numbers in array, containing –ve and +ve numbers. Find the two numbers whose sum is closest to zero?

**2nd round (Tech interview)**

1. What are the command in Sybase and DB2 to select only top 3 rows.
2. Employee, Dept table. List all the employee with his first name and corresponding deptname. Employee may have empty deptid. Which join you will use for this.
3. How DB2 is different than Sybase and Oracle?
4. Did you work on any disaster recovery or similar process?
5. What is disaster recovery?
6. What is DB2 Reorg?
7. If a table is 100% Full, deleting some rows, does Table **claims** the memory immediately?
8. Have you used awk and sed command. List out the 6th column from a csv file?
9. How do you find a hidden file? using find.
10. Have you worked with shell scripts?
11. Scenario question based on join, which join you will use and why?
12. Have you worked with stored procs?

**3rd round (Tech interview)**

1. Discussion about the programs which has been written? How do you find these programs, easy/challenging?
2. Given an array of 1000 elements contains numbers between 1 to 9, Find out the number of occurrence each element? **Another approach to this program, optimized approach.**
3. Write code Reverse a single linked list?
4. Some other questions about data structure.

**4th round (Tech interview)**

1. Employee and Grade table(which has percentage). List out top 3 performer of the company?
2. What is Struts framework? What benefit it provides? Why do we use ? Instead of struts what other framework we can use, which provides similar functionality.
3. What is life cycle of servlets? Who takes care of these lifecycle, otherwords, who calls, init,service, destroy methods
4. What is web.xml? what does it contains?
5. Have you worked with threads?
6. What is the difference between wait and sleep methods and in both who holds the monitor?
7. How do you mean by people management and how did you do?
8. What do you think your responsibility will be? Learner, contributor and mentor.
9. Why do you feel this project, interesting?

**5th round (Managerial round)**

1. Are you aware of the applications you are going to work into?

30. Role and responsibility.

In almost all the rounds (except 3rd round), while answering, I had to give references to my older projects and example corresponding to what I have faced and what I did in that situation?

Thanks

Anubhaw