

Hi All,
Below is my GS interview experience.

1st Round:

1. Employee table has empId, name,gender, deptId. Write query to return the deptId where female count is more than 2.
2. What is db Indexing. Different type of indexing. Which index to be used in what scenario.
3. Basic Unix command to get all process .
4. What approach you will take if no new deployment has been done for your application, but it seems all process are failing.
5. How to debug when your system goes really slow.

CoderPad Round:

1. Given an array of Employees with name,marks. Find out the maximum average marks from the list.

```
String[][] scores={{ "Bobby", "123"},  
                  { "Alia", "-678"},  
                  { "Bobby", "100"},  
                  { "Alex", "223"},  
                  { "Alex", "-23"},  
                  { "Bobby", "723"}  
                };
```

Avg Bobby = 315,Alex= 100,Alia=-678. Result: 315

3rd Round:

1. Unix command to get size of folders. Command to know what is the CPU usage of all process running in your system.
2. Employee table has EmpId, Direction(N,S,E,W).Write select query to return the direction from where maximum no. of employees come from.
3. Write a query to return the 3rd row order by Id from Employee.
4. How to install software in Unix system.
5. Share exp if you have worked in VMware