**QUERIES**

**Task 1:**

1. Retrieve the birthdate and address of the employee whose name is 'John B. Smith'.
2. List the employees working in department 10
3. Retrieve distinct salary values from employee table
4. Retrieve all employees whose address is in ‘Houston,Texas’
5. Find all employees who were born during 1950s
6. Add a column phone\_no to dept\_location table.
7. Add ‘super\_ssn’ as a foreign key for employee table.
8. Modify the size of address column in employee table to 30.
9. Change the salary of ‘franklin wong’ to 35000
10. Change the location and controlling department number of project no 10 to ‘Bellaire’ and 5.
11. Update the salary of all employees in department no 10 by 10%
12. List the employees between the salary range 30000 to 40000
13. List the names and salaries of employees earning a salary of 35000 or more.
14. List the employees who are staying in ‘Houston’ and earning a salary greater than 30000
15. Retrieve the Female employees who belongs to either department 4 or 1
16. Retrieve the projects controlled by department 10
17. Delete the employee with name ‘joyce’
18. Retrieve all the Male employees from employee.
19. List the departments with ‘e’ as the second letter in their name.

**Task 2:**

1. Retrieve the name and address of all employees who work for the 'Research' department.
2. For every project located in 'Stafford', list the project number, the controlling department number and name.
3. For every project located in 'Houston', list the project number, the controlling department number, and the department manager's last name, address, and birthdate.
4. Retrieve the names of the managers for each department
5. Show the resulting salaries if every employee working on the ‘ProductX’ project is given a 10 percent raise
6. For each employee, retrieve the employee's name, and the name of his or her immediate supervisor.
7. Retrieve a list of employees and the projects they are working on,order by department