

1. Create table Employee and Department with Department Id of Employee foreign key to table Department.

| Employee | | | | |
|----------|--------|--------------|--------|--------|
| Id | Name | DepartmentId | Salary | Active |
| 1 | John | IT | 2000 | 1 |
| 2 | Sean | IT | 4000 | 1 |
| 3 | Eric | Admin | 2000 | 1 |
| 4 | Nancy | Admin | 2000 | 1 |
| 5 | Lee | HR | 3000 | 1 |
| 6 | Steven | Accounts | 2000 | 1 |
| 7 | Matt | IT | 5000 | 1 |
| 8 | Sarah | IT | 2000 | 0 |

| Department | |
|------------|----------|
| Id | Name |
| 1 | IT |
| 2 | Admin |
| 3 | HR |
| 4 | Accounts |
| 5 | Health |

2. Write a query to get employee list in ascending order of their salary.
3. Write a query to get distinct salary from Employee table.
4. Write a query to find total number of active employees.
5. Update the Department of Nancy to HR.
6. Write a query to get a record of employee with highest and second highest salary.
7. Write a query to get department name of each employee.
8. Write a query to get department name with maximum employee count.
9. Write a query to get departments where no Employee is assigned.
10. Write a query to get list of employee and salary with same salary.