

Assignment #2

Solve the following queries using SQL:

1. Display job Title, the difference between minimum and maximum salaries for jobs with max salary in the range 10000 to 20000.
2. Display the first word in job title.
3. Display departments where any manager is managing more than 5 employees.
4. Change salary of employee 115 to 8000 if the existing salary is less than 6000.
5. Insert a new employee into employees with all the required details.
6. Delete department 20.
7. Change job ID of employee 110 to IT_PROG if the employee belongs to department 10 and the existing job ID does not start with IT.
8. Insert a row into departments table with manager ID 120 and location ID in any location ID for city Tokyo.
9. Display department name and number of employees in the department.
10. Display job title, employee ID, number of days between ending date and starting date for all jobs in department 30 from job history.
11. Display department name and manager first name.
12. Display department name, manager name, and city.
13. Display country name, city, and department name.
14. Display job title, department name, employee last name, starting date for all jobs from 2000 to 2005.
15. Display job title and average salary of employees
16. Display job title, employee name, and the difference between maximum salary for the job and salary of the employee.
17. Display last name, job title of employees who have commission percentage and belongs to department 30.
18. Display details of jobs that were done by any employee who is currently drawing more than 15000 of salary.