

CSE 304

Online 2

SET B

Topic: Basic SQL

1. Find the employee id, first name, salary, and the amount of tax of the employees whose salary is in the range 3500 and 12000, joined before 25-FEB-2007 and does not receive any amount of commission percentage.

The amount of tax an employee must give away is equal to 10% of his annual salary. Suppose the salary given in the table is in monthly unit.

2. Find the maximum salary of employees working in every job (job id) for each department. Print the department id, job id and the maximum salary. Make sure any sort of null value is not printed and display the output in the ascending order of department id.
3. Extend your query of question 2, to display only the rows who have maximum salary of at least 4000.
4. Display department ids of the departments in which more than five employees get commission percentage.
5. Find the number of employees that were hired in each year in each job (job id). Print year, job id, total employees hired, and average salary of those employees. Print the rows in which at least three employees were hired and having average salary of at least 4000.

Hint: EXTRACT (YEAR FROM HIRE_DATE) gives the year as output.