

Database Management Systems Lab

Lab#7**Marks:100**

Instructions

Work on this lab individually.

You're not allowed to use Internet.

Evaluation Time: 9:40

You're supposed to:

1. Display the employee number, name, manager number, salary, and hire date of employees whose name starts with 'g', 'a', 'w', or 's'. Additionally, left-pad the salary column with '-' to have a width of 10 characters.
2. Show the salary and hire date of employees whose names end with 'N' and were hired in March.
3. Display employee names of only those employees who has "a" or "s" as second character and only three characters after it whose has manager and he works in department 30.
4. Display the employee's name, salary, and their desired salary, which is five times their current salary. Label the column DREAM_SALARY.
5. Display the employee name, salary, and bonus where the bonus is 10% of the salary, but not more than \$1000. Label the column BONUS.
6. Display the employee name, salary, and commission where the commission is 15% of the salary and it is not null. Label the column COMMISSION.
7. Display the department number, the number of employees in the department, and the average salary of the employees in the department. Order the results by the department number. Label the columns DEPT_NO, NUM_EMPLOYEES, and AVG_SALARY respectively.

8. Display the employee name, salary, and hire date of the employees whose hire date is between January 1, 2005 and December 31, 2013. Label the columns EMPLOYEE_NAME, SALARY, and HIRE_DATE respectively.
9. Display the department number, department name, and the total salary paid to employees in the department. Order the results by the department number. Label the columns DEPT_NO, DEPT_NAME, and TOTAL_SALARY respectively.
10. Select the length of name, hire date and job title of all employees by padding '*' to the total length of 15 in their employee number on right side. Incrementing three months in their hire date.
11. Try to Insert a new employee in employee table via MySQL.
12. Create a view that displays the names and salaries of all employees in the "sales" department.
13. Create a view that displays the names and salaries of all employees who earn less than \$1000 per year.
14. Create a view that displays the names and hire dates of all employees who were hired between January 1, 2008 and December 31, 2023.
15. Create a view that displays the names of all employees who have not yet been assigned to a department.