

PROBLEM STATEMENTS

Question-1: Write a query to list all employees along with their respective department names. Include employee number, first name, last name, department number, and department name.

Question-2: Write a query to retrieve all the salary records of a given employee (by employee number). Include employee number, salary, from_date, and to_date.

Question-3: Write a query to find all employees who have held a specific title (e.g., 'Engineer'). Include employee number, first name, last name, and title.

Question-4: Write a query to list all departments along with their current managers. Include department number, department name, manager's employee number, first name, and last name.

Question-5: Write a query to count the number of employees in each department. Include department number, department name, and employee count.

Question-6: Write a query to find all employees born in a specific year (e.g., 1980). Include employee number, first name, last name, and birth date.

Question-7: Write a query to find all employees hired in the last 5 years. Include employee number, first name, last name, and hire date.

Question-8: Write a query to calculate the average salary for each department. Include department number, department name, and average salary.

Question-9: Write a query to find the gender distribution (number of males and females) in each department. Include department number, department name, count of males, and count of females.

Question-10: Write a query to find the employees who have served the longest in the company. Include employee number, first name, last name, and number of years served.