

DBMS LAB VII

Table 1: Employees Columns:

- employee_id (integer)
- employee_name (varchar)
- department_id (integer)
- salary (decimal)

Table 2: Departments Columns:

- department_id (integer)
- department_name (varchar)
- location (varchar)
- manager_id (integer)

Table 1: Employees

employee_id	employee_name	department_id	salary
1	John	1	5000
2	Sarah	1	4500
3	Michael	2	6000
4	Emily	2	5500
5	David	3	4000
6	Jessica	3	4200
7	Brian	3	4800
8	Olivia	4	5500

Table 2: Departments

department_id	department_name	location	manager_id
1	IT	New York	2
2	Sales	Chicago	3
3	HR	Boston	7
4	Marketing	Chicago	8

Question 1: What is the average salary of employees in each department?

Question 2: Who is the highest-paid employee in the Sales department?

Question 3 : How many employees have a salary higher than the average salary in their department?

Question 4: Which department has the highest average salary?

Question 5: What is the total salary expense for each department?

Question 6 :Who is the manager of the HR department?

Question 7: How many employees are there in the Marketing department?

Question 8:What is the average salary of employees supervised by Sarah?

Question 9 : What is the location of the IT department?

Question 10 : Which employees have a salary higher than their department's average salary?