

emp_id	emp_name	dept_id	salary
101	Alice Johnson	1	45000.00
102	Bob Smith	2	52000.00
103	Charlie Brown	3	60000.00
104	Diana Prince	4	48000.00
105	Ethan Clark	3	65000.00
106	Fiona Davis	2	53000.00
107	George Miller	1	47000.00
108	Hannah Wilson	4	49000.00

Employee

dept_id	dept_name
1	Human Resources
2	Finance
3	IT
4	Marketing

Department

1. Create a view called showing each department name, total number of employees, and average salary.
2. Display departments where the average salary exceeds 10,000.
3. A manager wants to increase all salaries in the “Sales” department by 5%. Write an UPDATE query that achieves this in one step.
4. Use a function in a SELECT statement to show each employee’s annual pay.
5. Write a query to show each department and its **total salary expense**, but display only departments spending more than 50,000.
6. Display the employees whose salary is **greater than their department’s average salary**.