

Task 1:

1. Create a table `students`
2. Insert 3 students
3. Update marks of one student
4. Delete students with marks < 40
5. Fetch all remaining students

Expected Output

Only students with marks ≥ 40 should remain.

Task 2

- You are transferring ₹1000 from Account A to Account B.
Ensure the transaction is ACID safe.

Expected Output

- Either both balances update
- Or no change at all

Task 3

- Employees with Salary Above Average

Table: `employees`

id	name	department	salary
1	Alice	HR	50000
2	Bob	IT	70000
3	Charlie	IT	60000
4	Diana	HR	55000
5	Ethan	Sales	45000

Expected Output :

- Return employees whose salary is above the company average.

Task 4

- Count Employees per Department

Expected Output :

department	employee_count
HR	2
IT	2
Sales	1

Task 5:

Rank Salaries

- Rank employees by salary (highest first).

Expected Output:

name	salary	salary_rank
Bob	70000	1
Charlie	60000	2
Diana	55000	3
Alice	50000	4
Ethan	45000	5