Task: Employee Table Operations

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1. Class & Method Explanation

- **EmployeeCRUD Class:** This class handles the database connection and executes the full lifecycle of SQL operations (Create, Read, Update, Delete) on the employee table.
- **createSQL:** Defines the table structure with columns id, name, email, city, and contact. It uses IF NOT EXISTS to ensure the program runs smoothly even if the table was created in a previous run.
- **insertSQL:** Inserts a sample record (Virat Kohli, ID 18) into the table to verify that data entry works correctly.
- **updateSQL:** Modifies the existing record by changing the city from 'Delhi' to 'Mumbai' for the employee with ID 18.
- **deleteSQL:** Removes the record with ID 18 to clean up the database after the operations are verified.
- **stmt.executeUpdate():** This single method is used for all these operations (CREATE, INSERT, UPDATE, DELETE) as they modify the database state rather than returning a result set.

2. Console Output Screenshot