Task 1: Advanced Queries with JOINs

- **Objective**: Use JOINs to work with multiple tables.
- **Instructions**:
    1. Create a `courses` table with columns `id` (primary key) and `course_name`.
    2. Create a `registrations` table with columns `student_id` (foreign key from `students`), `course_id` (foreign key from `courses`), and `registration_date`.
    3. Write a query to return the names of students and the courses they are registered for.

Task 2: Data Normalization

- **Objective**: Practice normalizing data.
- **Instructions**:
    1. Imagine you have a `books` table with columns `book_id`, `title`, `author_name`, and `publisher_name`.
    2. Normalize this table into two tables: one for `authors` and another for `publishers`.
    3. Implement this in PostgreSQL and insert sample data.

Task 3: Design a Simple Database

- **Objective**: Apply data modeling concepts.
- **Instructions**:
    1. Design a database for a simple e-commerce system that tracks `customers`, `products`, and `orders`.
    2. Create the ERD (Entity-Relationship Diagram) for the system.
    3. Implement the database by creating the corresponding tables in PostgreSQL.

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⇨ Add all sql querys with response in word file and convert to pdf then upload it