

SWE322_Advanced Web Programming

Lab 5

MySQL Database

- Due date: **Monday 15th, of April 2024**.
 - Work INDIVIDUALLY. No group work is accepted.
 - Stick to deadlines! Late assignments will not be accepted.
 - Submit your solution to the LMS system, do not send it by email.
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Q1. Using phpMyAdmin in xampp, create a simple database schema for a bookstore management system. This database will include tables for storing information about books, authors, publishers, and customers. Here's the schema specifications:

1. Books Table:

- book_id: INT (Primary Key)
- title: VARCHAR
- author_id: INT
- publisher_id: INT
- genre: VARCHAR
- publication_year: YEAR
- price: DECIMAL
- quantity_available: INT

2. Authors Table:

- author_id: INT (Primary Key)
- author_name: VARCHAR

3. Publishers Table:

- publisher_id: INT (Primary Key)
- publisher_name: VARCHAR
- location: VARCHAR

4. Customers Table:

- customer_id: INT (Primary Key)
- customer_name: VARCHAR
- email: VARCHAR
- phone_number: VARCHAR
- address: VARCHAR

5. Orders Table:

- order_id: INT (Primary Key)
- customer_id: INT
- order_date: DATE
- total_amount: DECIMAL

Insert 3 tuples(rows) in each table, after that export the database and upload the file to the LMS.