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**EXPERIMENT - 1**

**AIM:** 1. Create two tables Authors and Books

2. Input Values into the two tables

3. Implement Inner Join

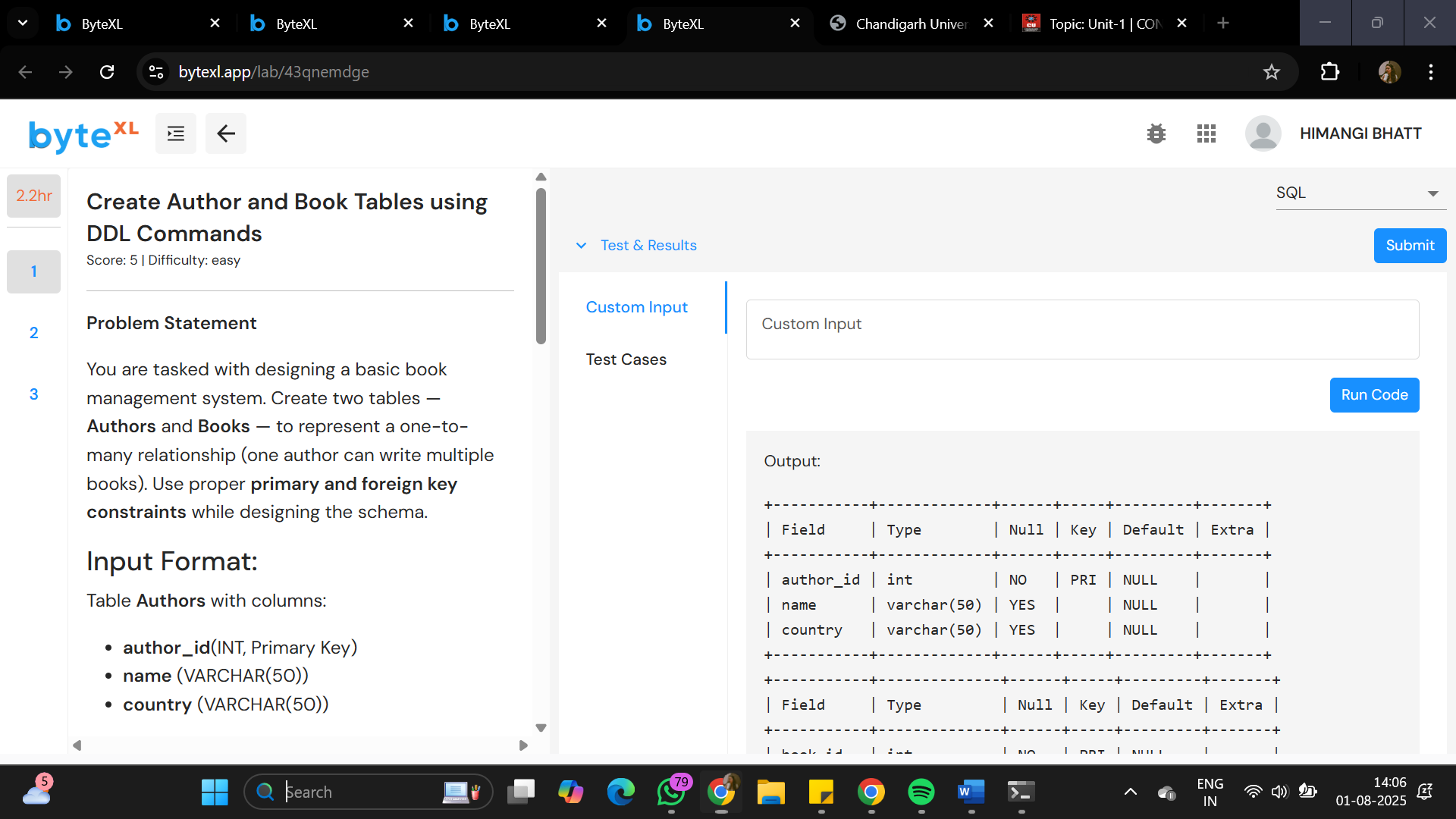
**Query:** 1.

Create table Authors( author\_id INT Primary Key, name VARCHAR(50), country VARCHAR(50));

Create table Books(book\_id INT Primary Key, title VARCHAR(100), author\_id INT, Foreign Key (author\_id ) references Authors(author\_id));

Desc Authors;

Desc Books;



2. -- Insert into Authors table

INSERT INTO Authors (Author\_id, name, country) VALUES

(1, 'Ashish', 'India'),

(2, 'Smaran', 'USA'),

(3, 'Vaibhav', 'UK');

-- Insert into Books table (match book\_id values exactly)

INSERT INTO Books (Book\_id, title, author\_id) VALUES

(101, 'Data Science Basics', 1),

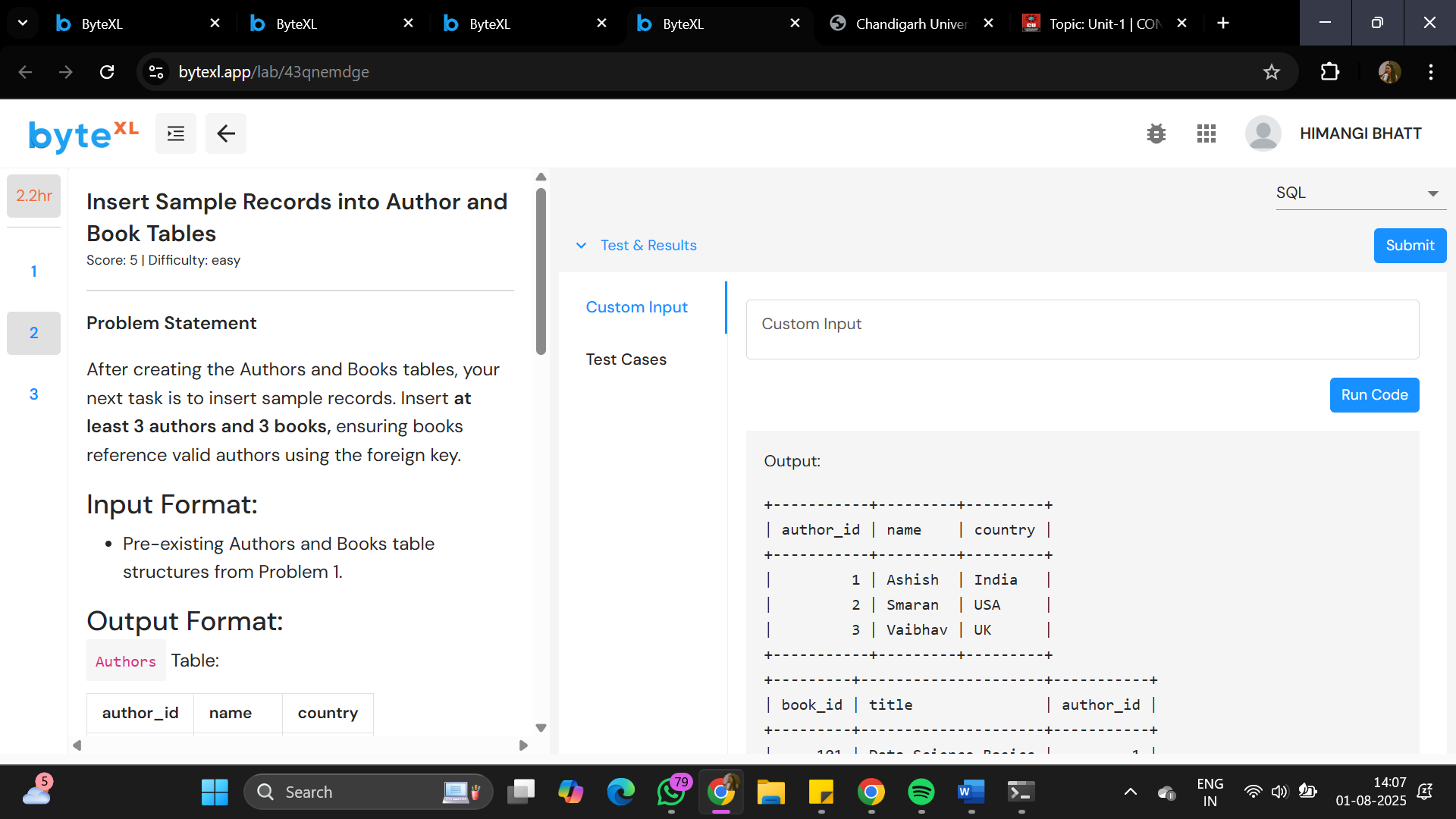
(102, 'AI in Education', 2),

(103, 'SQL Simplified', 1);

-- Display the tables

SELECT \* FROM Authors;

SELECT \* FROM Books;



3. SELECT

B.title AS title,

A.name AS name,

A.country AS country

FROM

Books AS B

INNER JOIN

Authors AS A ON B.author\_id = A.author\_id;

