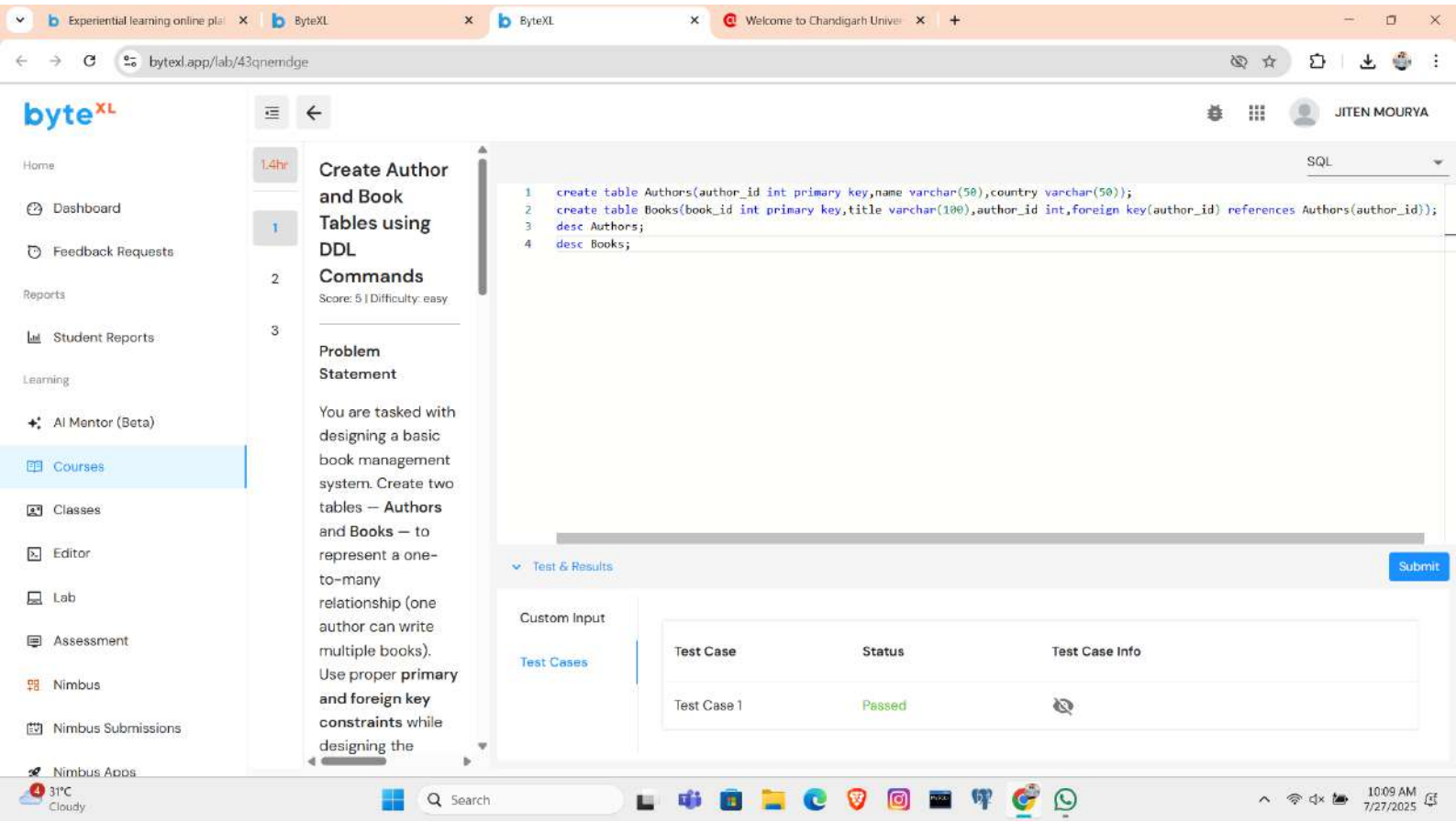

Experiential learning online pla
ByteXL
ByteXL
Welcome to Chandigarh Univer
bytexl.app/lab/43qnemdge
byteXL
JITEN MOURYA
Home
Dashboard
Feedback Requests
Reports
Student Reports
Learning
AI Mentor (Beta)
Courses
Classes
Editor
Lab
Assessment
Nimbus
Nimbus Submissions
Nimbus Apps
1.4hr
1
2
3
Create Author and Book Tables using DDL Commands
Score: 5 | Difficulty: easy
Problem Statement
You are tasked with designing a basic book management system. Create two tables — Authors and Books — to represent a one-to-many relationship (one author can write multiple books). Use proper primary and foreign key constraints while designing the
SQL
1 create table Authors(author_id int primary key,name varchar(50),country varchar(50));
2 create table Books(book_id int primary key,title varchar(100),author_id int,foreign key(author_id) references Authors(author_id));
3 desc Authors;
4 desc Books;
Test & Results
Submit
Custom Input
Test Cases
Test Case
Status
Test Case Info
Test Case 1
Passed
31°C
Cloudy
Search
10:09 AM
7/27/2025

JITEN MOURYA

SQL

Test & Results

Submit

Custom Input

Test Cases

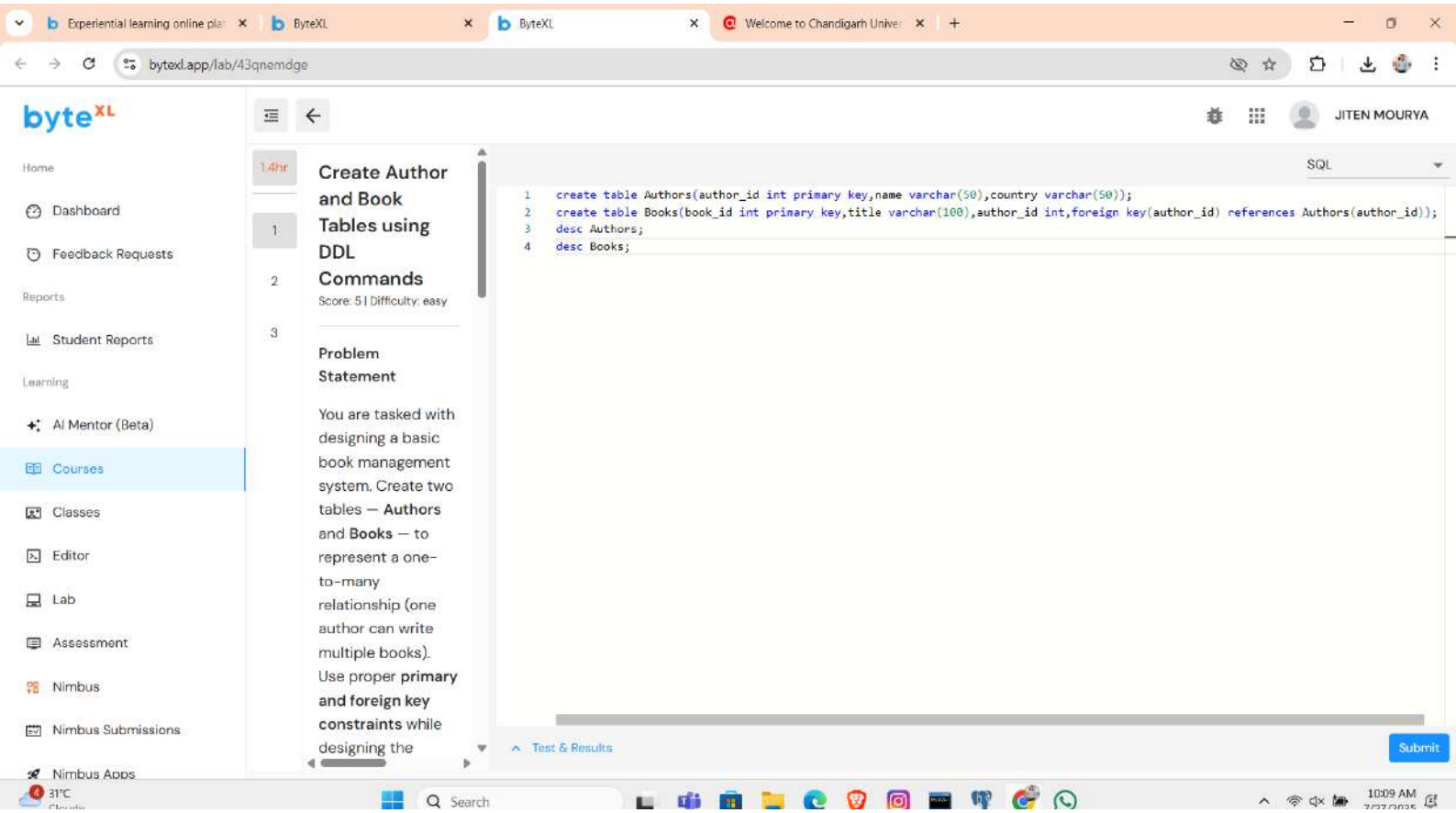
Custom Input

Run Code

Output:

```
+-----------+-------------+------+-----+---------+-------+
| Field     | Type        | Null | Key | Default | Extra |
+-----------+-------------+------+-----+---------+-------+
| author_id | int         | NO   | PRI | NULL    |       |
| name      | varchar(50) | YES  |     | NULL    |       |
| country   | varchar(50) | YES  |     | NULL    |       |
+-----------+-------------+------+-----+---------+-------+
+-----------+--------------+------+-----+---------+-------+
| Field     | Type         | Null | Key | Default | Extra |
+-----------+--------------+------+-----+---------+-------+
| book_id   | int          | NO   | PRI | NULL    |       |
| title     | varchar(100) | YES  |     | NULL    |       |
| author_id | int          | YES  | MUL | NULL    |       |
+-----------+--------------+------+-----+---------+-------+
```

126 ms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