

Insert Sample Records into Author and Book Tables

Score: 5 | Difficulty: easy

Problem Statement

After creating the Authors and Books tables, your next task is to insert sample records. Insert **at least 3 authors and 3 books**, ensuring books reference valid authors using the foreign key.

- Input Format:**
- Pre-existing Authors and Books table structures from Problem 1.

Output Format:

Authors Table:

author_id	name	country
1	Ashish	India
2	Smaran	USA

```
1 -- Write your Query here
2
3 INSERT INTO Authors VALUES(1, 'Ashish', 'India'),(2, 'Smaran', 'USA'),(3, 'Vaibhav', 'UK');
4 INSERT INTO Books VALUES(101, 'Data Science Basics', 1),(102, 'AI in Education', 2),(103,'SQL Simplified', 1);
5 Select*from authors;
6 Select*from books;
```

Test & Results Submit

Test Case	Status	Test Case Info
Test Case 1	Passed	

1.8hr

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 schema.

Input Format:

Table **Authors** with columns:

- author_id(INT, Primary Key)
- name (VARCHAR(50))
- country (VARCHAR(50))

Table **Books** with columns:

- book_id (INT Primary Key)

SQL

```
1
2 CREATE TABLE Authors(author_id INT NOT NULL primary key,name VARCHAR(50),country VARCHAR(50));
3 CREATE TABLE Books(book_id INT NOT NULL primary key,title VARCHAR(100),author_id INT,FOREIGN KEY (author_id) RE
4 describe authors;
5 describe books;
6
7
```

Test & Results

Submit

Custom Input

Test Cases

Test Case	Status	Test Case Info
Test Case 1	Passed	

1.7hr

1

2

3

Retrieve Book Titles Along with Author Information Using INNER JOIN

Score: 5 | Difficulty: easy

Problem Statement

Given two tables, Authors and Books, retrieve the titles of all books along with their **author's name and country**. This involves creating tables, inserting data, and using an INNER JOIN to combine records based on `author_id`.

Input Format:

- Pre-existing Authors and Books table structures from Problem 1.

Table `Authors` with columns:

- `author_id` (INT, Primary Key)
- `name` (VARCHAR(50))
- `country` (VARCHAR(50))

Table `Books` with columns:

SQL

```

1  -- Write your Query here
2  select b.title,a.name,a.country from authors a inner join Books b on a.author_id=b.author_id;

```

Test & Results

Submit

Custom Input

Test Cases

Test Case	Status	Test Case Info
Test Case 1	Passed	