CREATE TABLE users (

id INT PRIMARY KEY,

name VARCHAR(50)

);

CREATE TABLE books (

book\_id INT PRIMARY KEY,

title VARCHAR(100),

author VARCHAR(100)

);

CREATE TABLE borrowings (

user\_id INT,

book\_id INT,

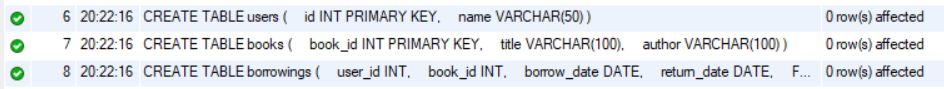
borrow\_date DATE,

return\_date DATE,

FOREIGN KEY (user\_id) REFERENCES users(id),

FOREIGN KEY (book\_id) REFERENCES books(book\_id)

);



1. List all users and the books they have currently borrowed

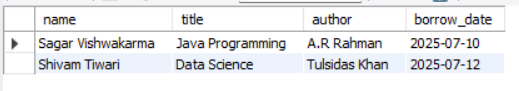
SELECT u.name, b.title, b.author, bo.borrow\_date

FROM users u

JOIN borrowings bo ON u.id = bo.user\_id

JOIN books b ON bo.book\_id = b.book\_id

WHERE bo.return\_date IS NULL;

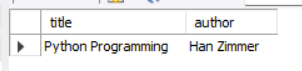


1. Find all Books by a specific author

SELECT title, author

FROM books

WHERE author = 'Han Zimmer';



1. List Users who have borrowed more than 2 books

SELECT u.name , Count(bo.book\_id) as borrow\_count

From users u

LEft join borrowings bo on u.id = bo.user\_id

group by u.id, u.name;

