**MODERN DATABASE MANAGEMENT SYSTEM**

**ROLL NO:245229152**

**BASIC SQL QURIES OF DDL & DML**

**Creating book table:**

CREATE TABLE Books (

book\_id INT PRIMARY KEY,

title VARCHAR(100),

author\_id INT,

published\_year INT

);

**Creating author table:**

CREATE TABLE Authors (

author\_id INT PRIMARY KEY,

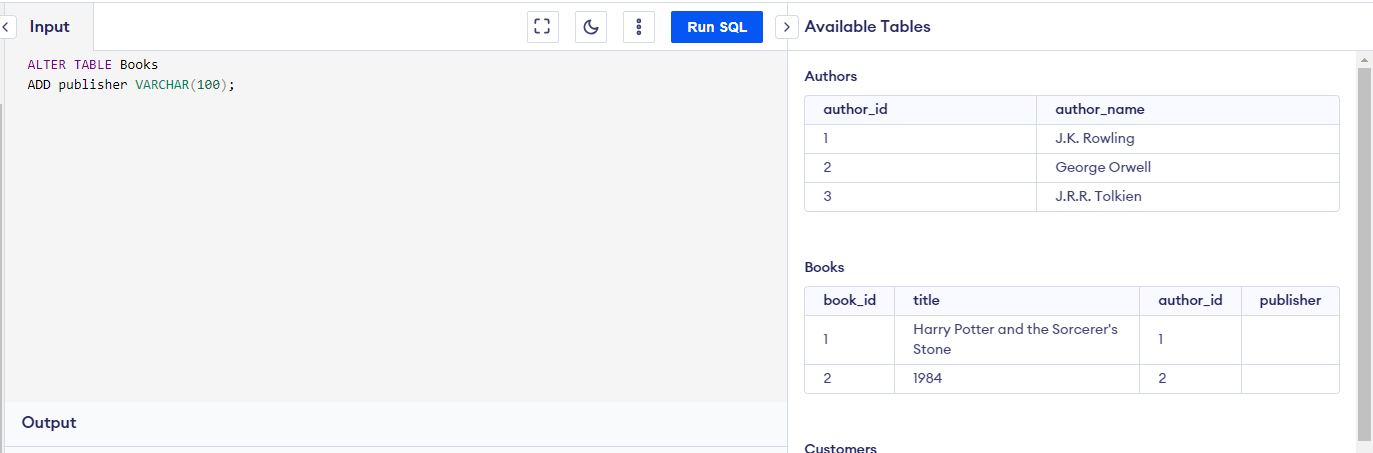
author\_name VARCHAR(100)

);

**Altering table :**

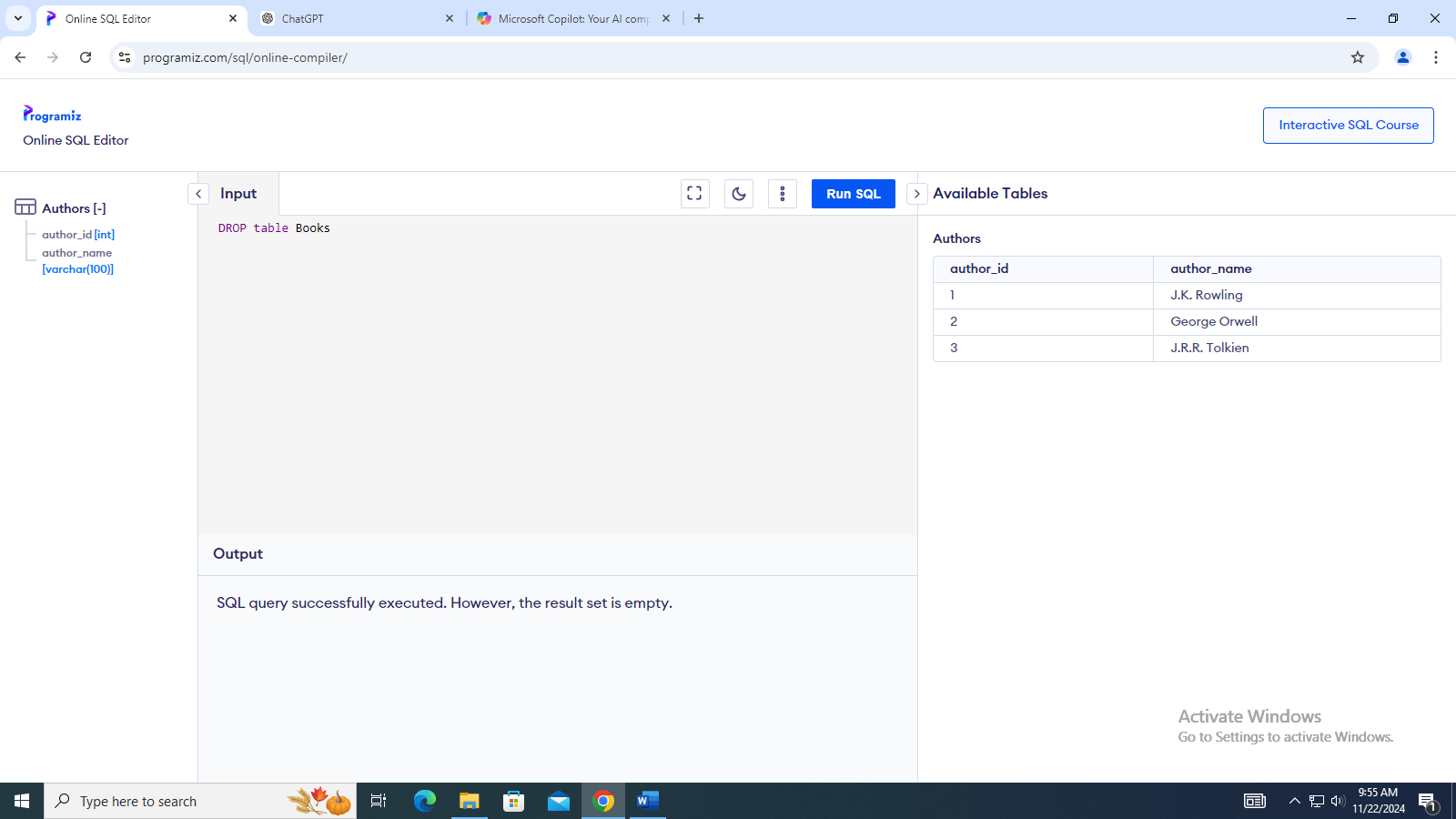
ALTER TABLE Books

ADD publisher VARCHAR(100);



**DROP:**

DROP table Books



**DML**

**Inserting books records and author records:**

INSERT INTO Authors (author\_id, author\_name)

VALUES (1, 'J.K. Rowling'),

(2, 'George Orwell'),

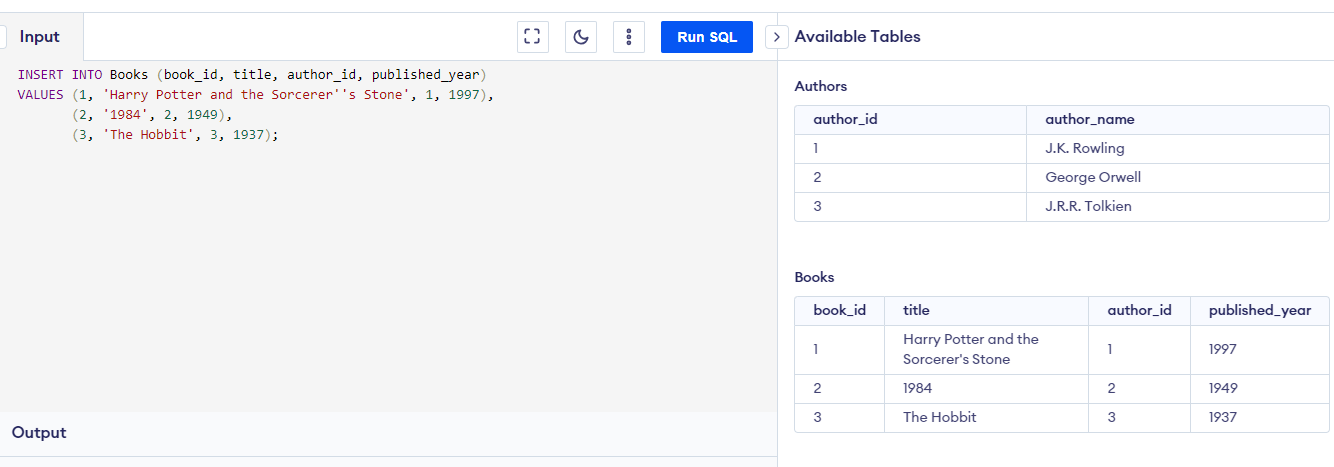
(3, 'J.R.R. Tolkien');

INSERT INTO Authors (author\_id, author\_name)

VALUES (1, 'J.K. Rowling'),

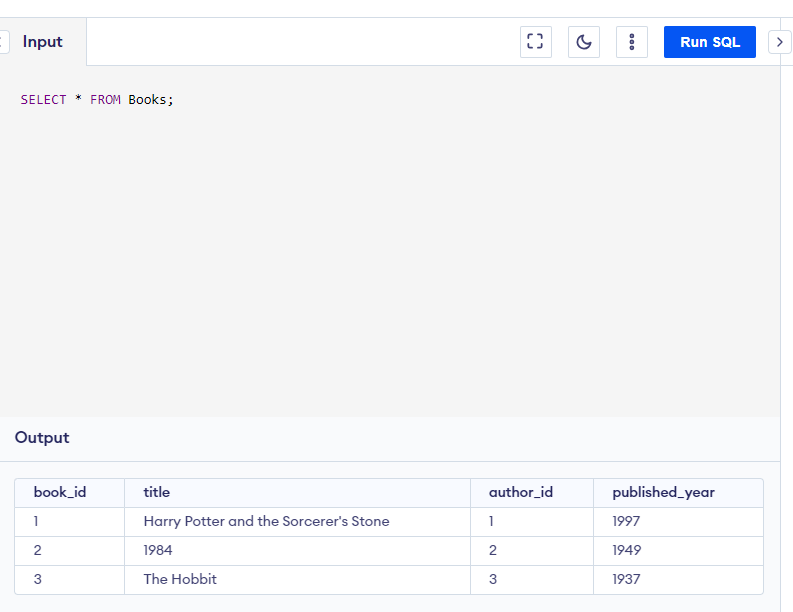
(2, 'George Orwell'),

(3, 'J.R.R. Tolkien');

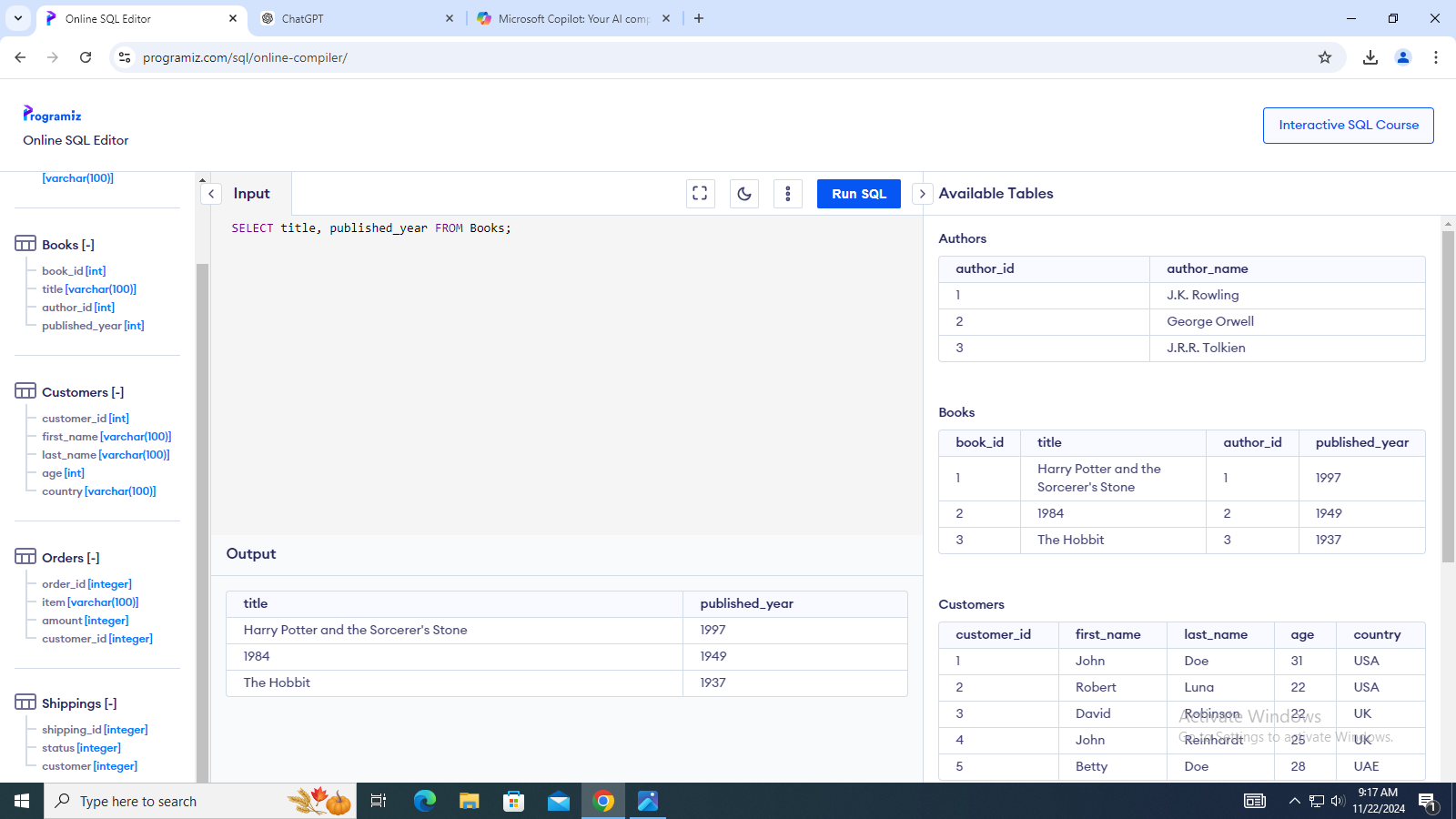


**Select commands:**

SELECT \* FROM Books;

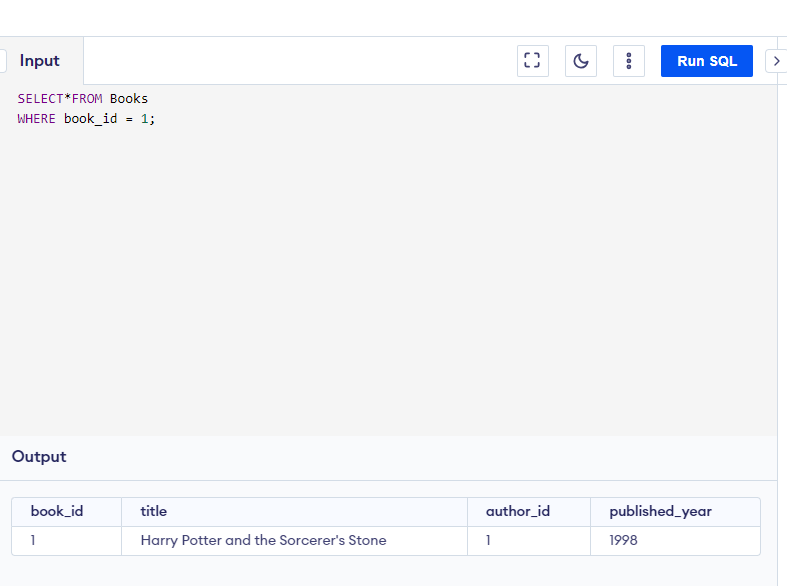


SELECT title, published\_year FROM Books;



SELECT \* FROM Books

WHERE book\_id = 1;

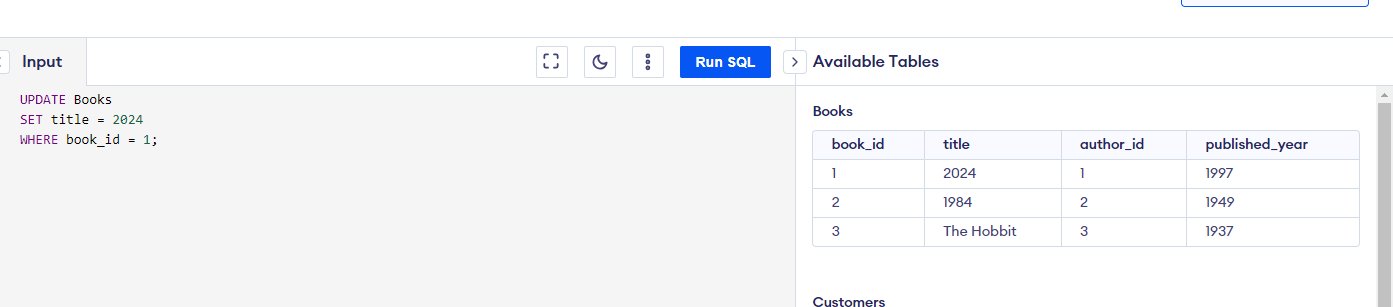


**Update commands:**

UPDATE Books

SET published\_year = 1998

WHERE book\_id = 1;



**Delete commands:**

DELETE FROM Books

WHERE book\_id = 3;

