20)

**CREATE THE TABLES**

**-- Create the books table**

**CREATE TABLE books (**

**book\_id INT PRIMARY KEY,**

**title VARCHAR(255),**

**author VARCHAR(255),**

**price DECIMAL(10, 2),**

**stock\_quantity INT**

**);**

**-- Create the orders table**

**CREATE TABLE orders (**

**order\_id INT PRIMARY KEY,**

**book\_id INT,**

**quantity INT,**

**order\_date DATE,**

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

**);**

**INSERT THE SAMPLE DATA**

**-- Insert sample data into the books table**

**INSERT INTO books (book\_id, title, author, price, stock\_quantity)**

**VALUES**

**(1, 'ABC', 'Author X', 19.99, 100),**

**(2, 'DEF', 'Author Y', 24.99, 150),**

**(3, 'GHI', 'Author Z', 29.99, 75),**

**(4, 'JKL', 'Author W', 12.99, 200);**

**-- Insert sample data into the orders table**

**INSERT INTO orders (order\_id, book\_id, quantity, order\_date)**

**VALUES**

**(1, 1, 5, '2023-08-01'),**

**(2, 2, 3, '2023-08-02'),**

**(3, 1, 2, '2023-08-02'),**

**(4, 3, 4, '2023-08-03'),**

**(5, 2, 1, '2023-08-04'),**

**(6, 4, 6, '2023-08-05'),**

**(7, 1, 3, '2023-08-06'),**

**(8, 3, 2, '2023-08-07'),**

**(9, 4, 4, '2023-08-08');**

**NOW WRITE THE SQL QUERY**

**SELECT**

**b.title AS product\_name,**

**SUM(o.quantity) AS total\_quantity\_sold**

**FROM**

**books b**

**JOIN**

**orders o ON b.book\_id = o.book\_id**

**GROUP BY**

**b.book\_id**

**ORDER BY**

**total\_quantity\_sold DESC**

**LIMIT**

**3;**