Junior Mejia

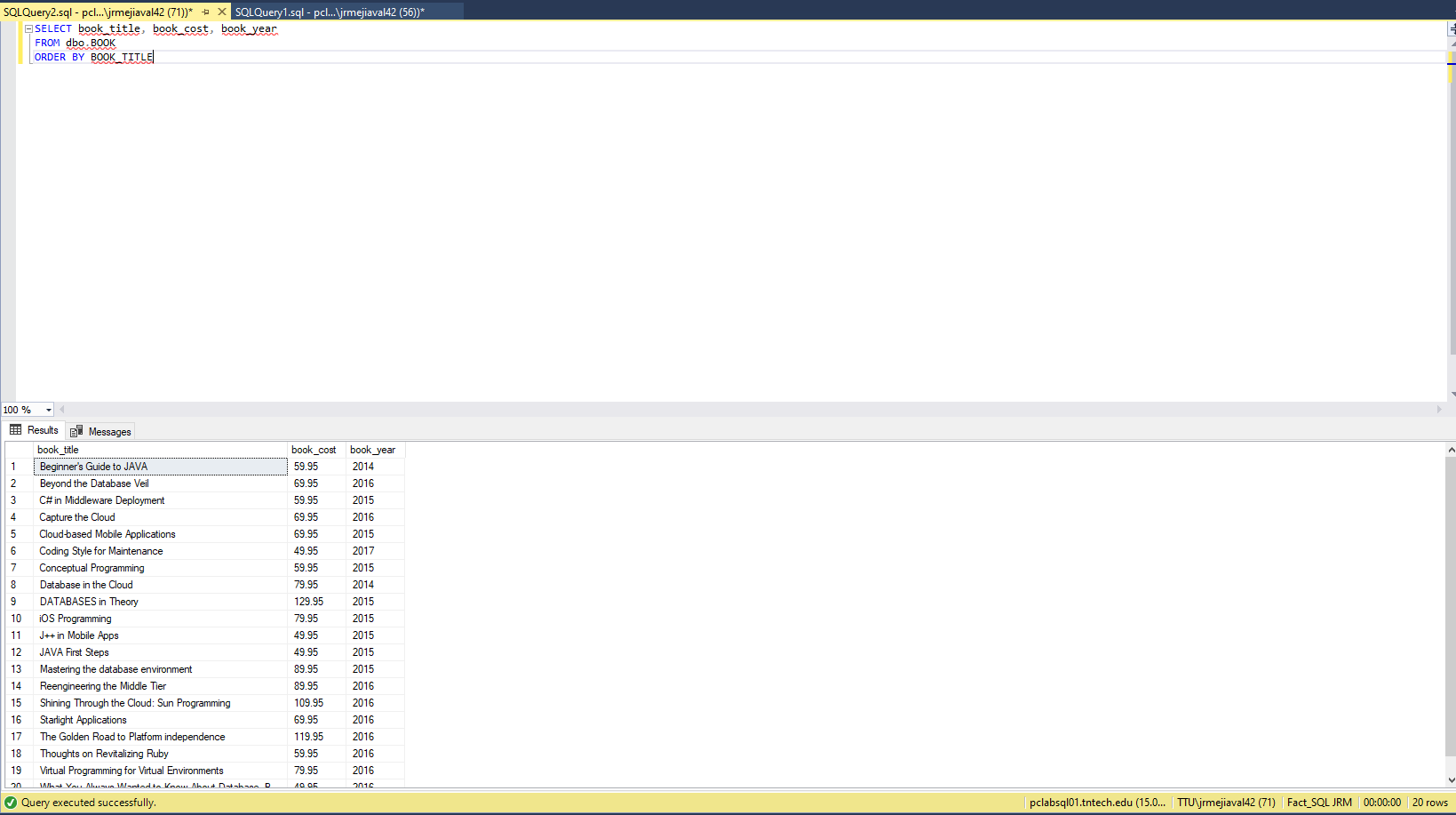
Seth Williams

DBMS II

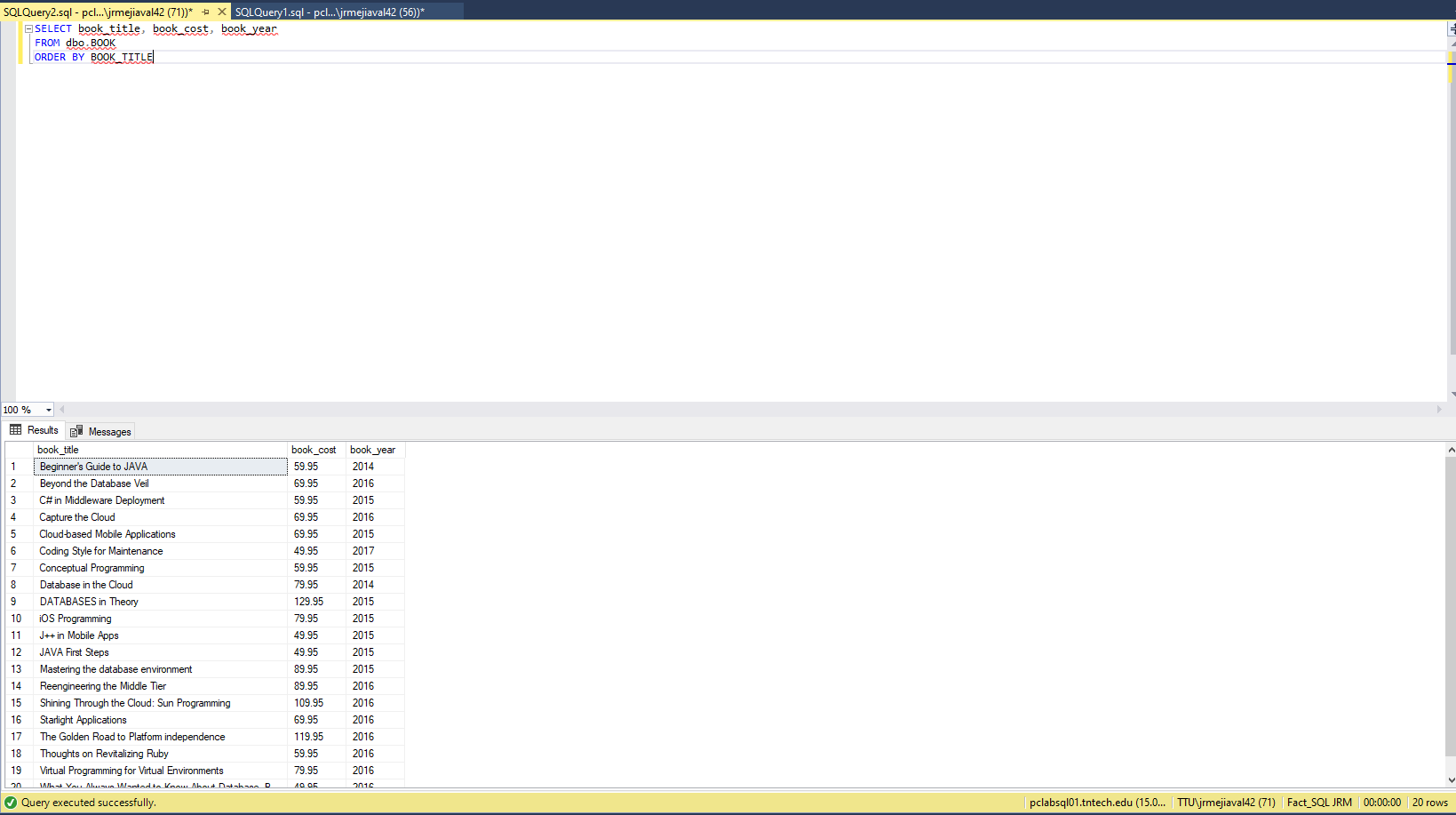
9/24/2021

Exam 1

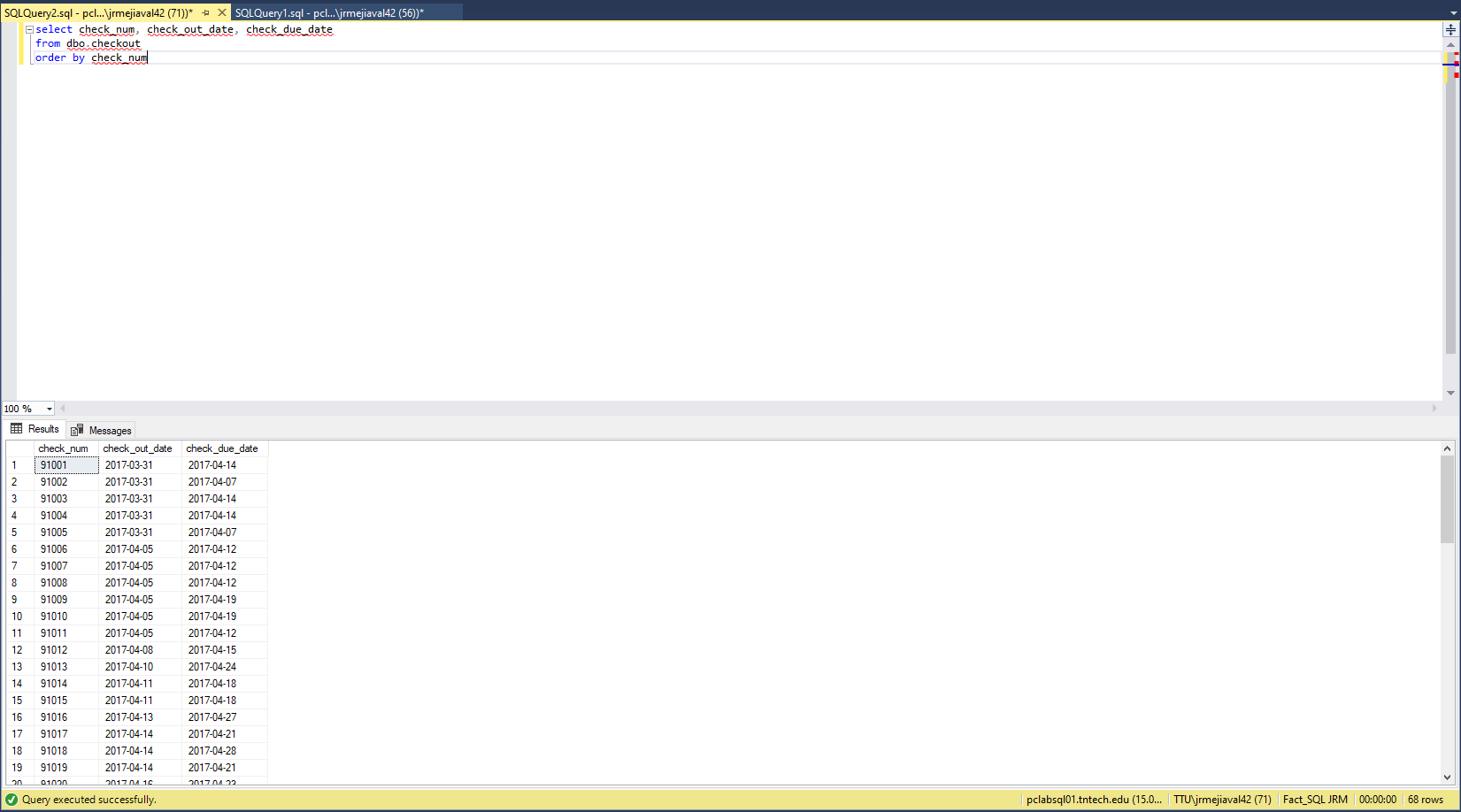
1. Using the Fact\_SQL file posted in iLearn, run the Create statement to create the Checkout, Book, Patron, Writes, and Author tables. – 10 pts



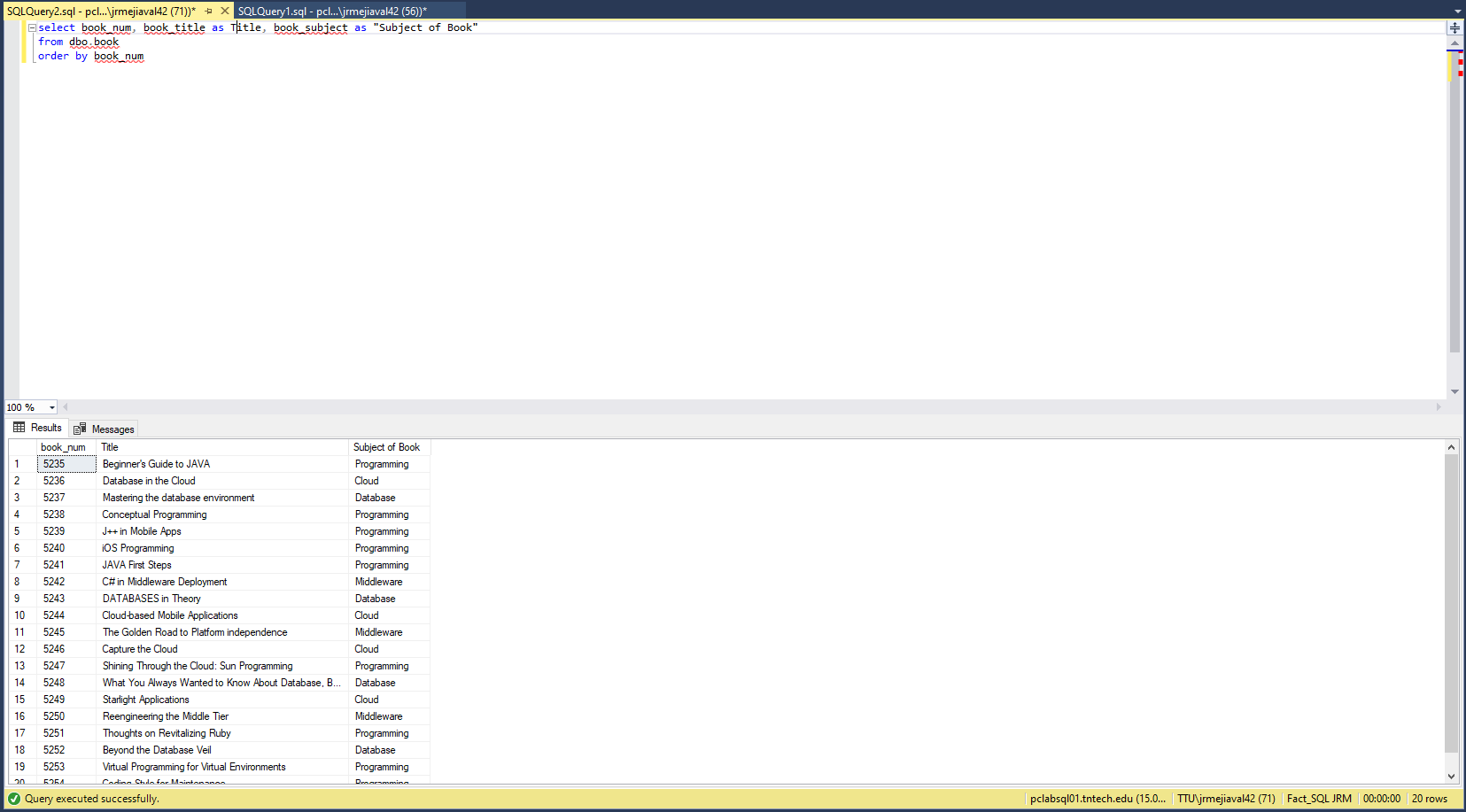
1. Write a query that displays the book title, cost and year of publication for every book in the system. Sort the results by book title. – 10 pts



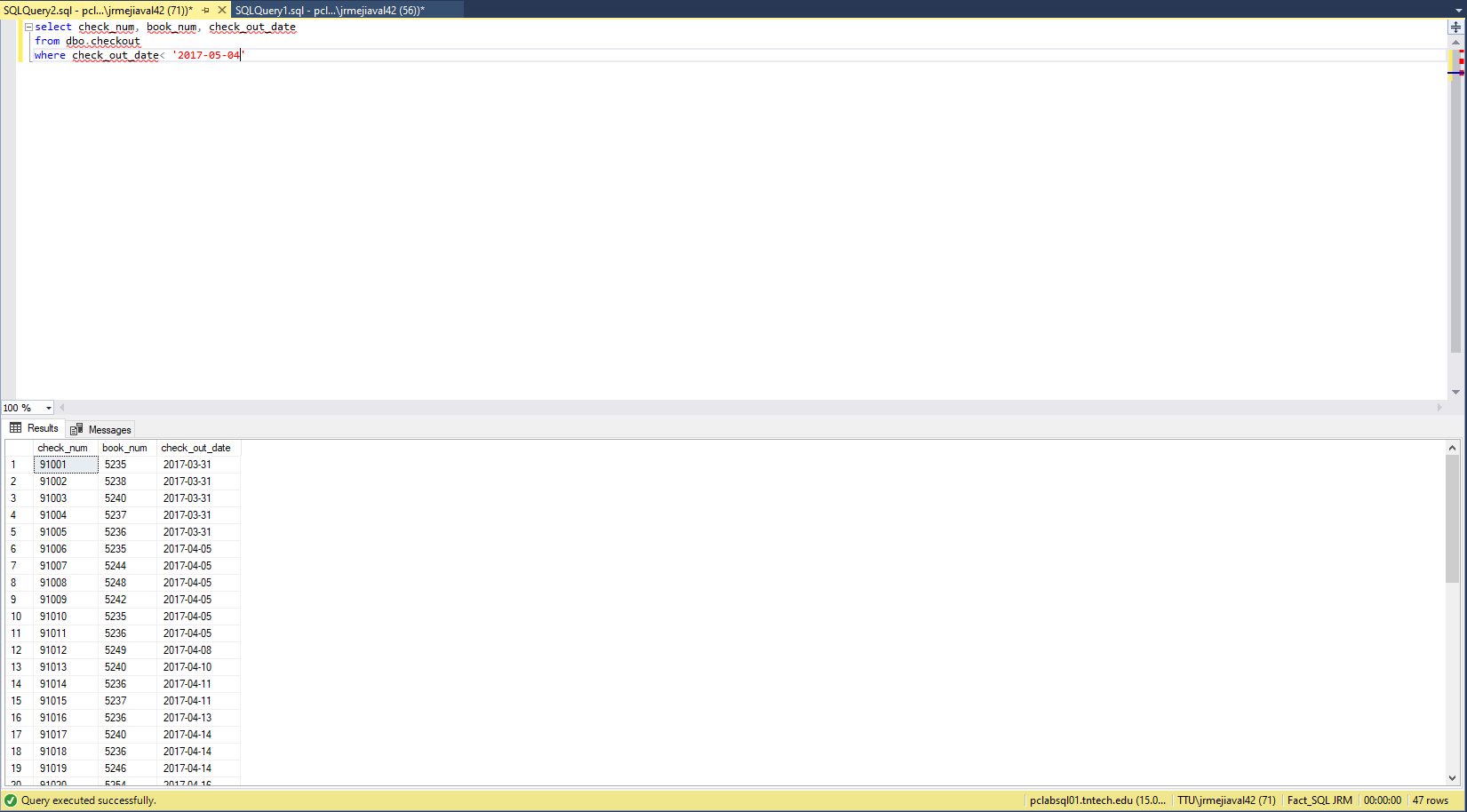
1. Write a query to display the checkout number, checkout date, and due date for every book that has been checked out sorted by checkout number. A picture of the results is below.



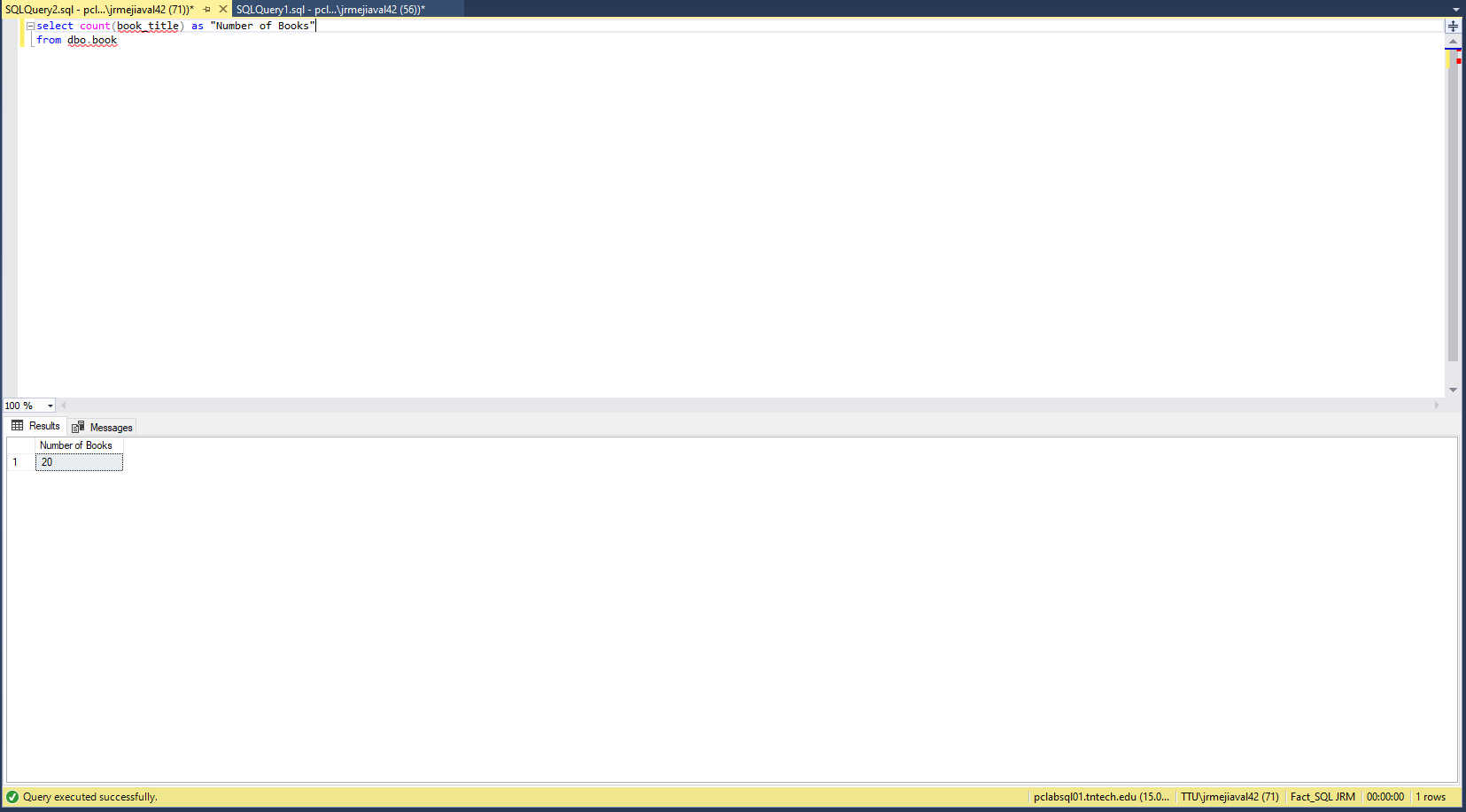
1. Write a query to display the book number, book title, and subject for every book sorted by book number. A picture of the results is below.



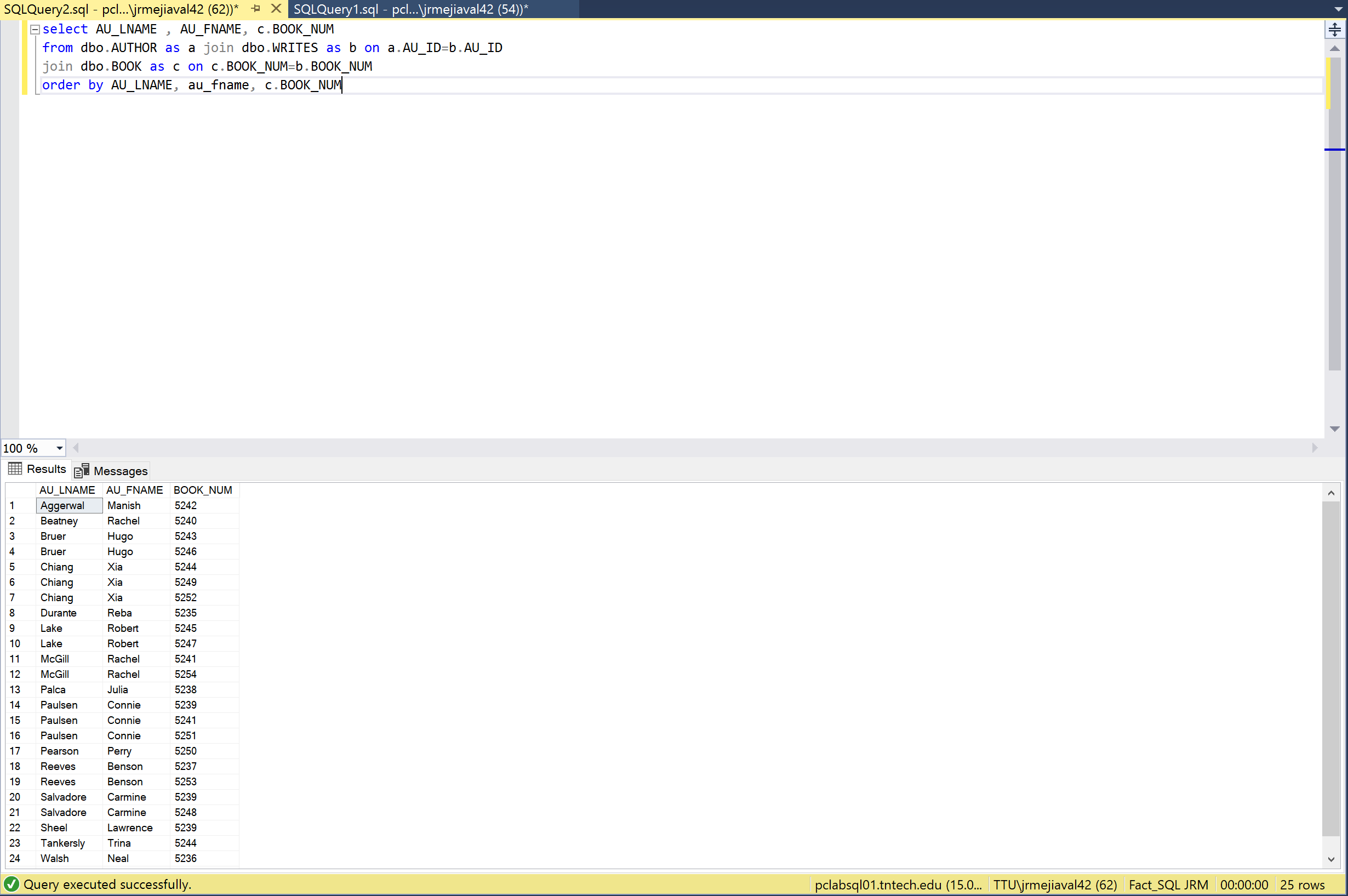
1. Write a query to display the checkout number, book number, and checkout date of all books checked out before April 5, 2017 sorted by checkout number. A picture of the results is below.



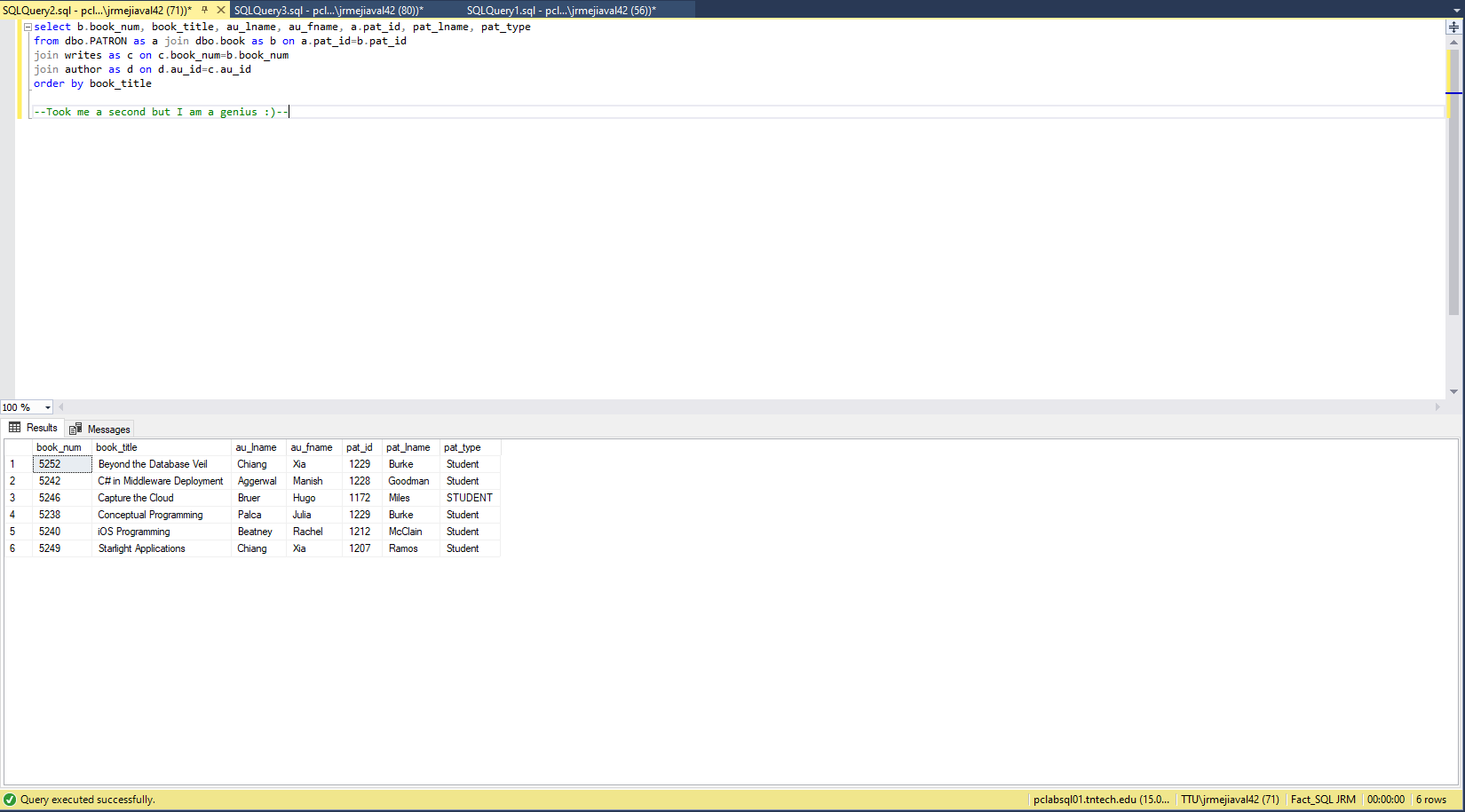
1. Write a query to display the number of books in the FACT system. A picture of the results is below.



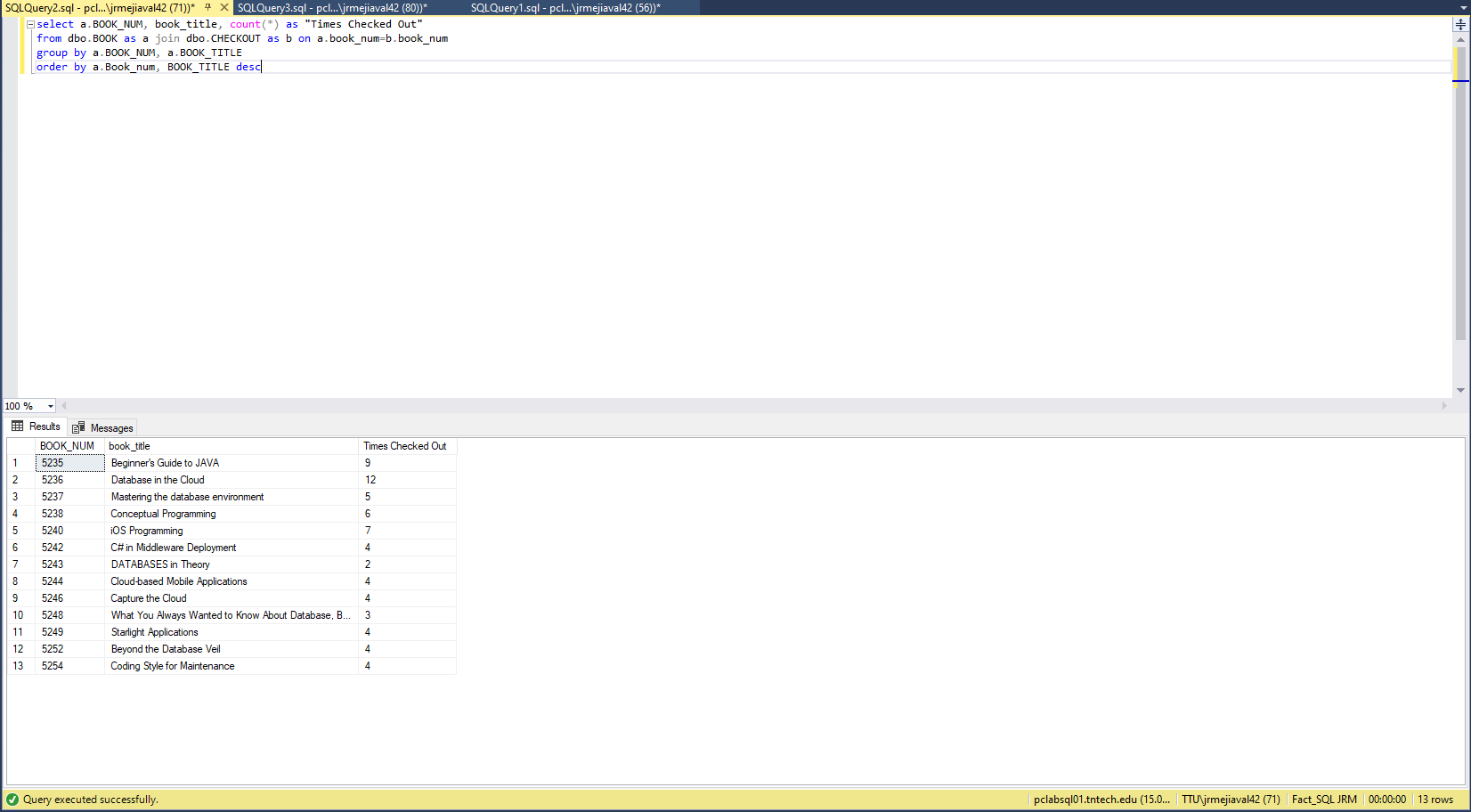
1. Write a query to display the author last name, author first name, and book number for each book written by that author. Sort the results by author last name, first name, and then book number. A picture of the results is below



1. Write a query to display the book number, title, author last name, author first name, patron ID, last name, and patron type for all books currently checked out to a patron. Sort the results by book title. A picture of the results is below.



1. Write a query to display the book number, title, and number of times each book has been checked out. Include books that have never been checked out. Sort the results in descending order by the number of times checked out and then by title. A picture of the results is below



1. Write a query to display the different years in which books have been published. Include each year only once and sort the results by year. A picture of the results is below.

