COMP 3311: Database Management Systems

Lecture 9 Exercises
SQL Queries

Book(bid, title, subject, quantityInStock, price, *aid*)   Author(aid, firstName, lastName)

Customer(cid, firstName, lastName)   BookOrder(oid, *cid*, orderYear)   OrderDetails(*oid, bid*, quantity)

Exercise 1: Find all distinct book titles of the author whose last name is Piper.

Exercise 2: Find the last name and first name of all authors who wrote books in both the subjects of Art and Business.

Exercise 3: For all authors who wrote books on at least two subjects, increase the price of all their books by 5%.

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Exercise 4: Find the last name and first name of all authors who wrote books on exactly ten different subjects. **Do not use subqueries; do not create any derived tables.**

Exercise 5: For each customer who made more than 10 orders in 2018, find the customer id, last name and the number of orders in 2018. **Do not use subqueries; do not create any derived tables.**

Exercise 6: Find the customer id, last name and total quantity ordered for those customers who ordered the largest total quantity of books.