Daniel Montes

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CSCD 327

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LAB 5

Question 1:

SELECT count(Title) AS Number\_of\_Books

FROM s24dmontes2\_booksDB.BOOKS

WHERE retail <= 30;

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Question 2:

SELECT MAX(PubDate) AS Most\_Recent\_Date

FROM s24dmontes2\_booksDB.BOOKS;

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Question 3:

SELECT SUM((Retail - Cost) \* quantity) AS Total\_Profit

FROM s24dmontes2\_booksDB.BOOKS NATURAL JOIN ORDERS NATURAL JOIN ORDERITEMS

WHERE Customer\_num = 1014;

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Question 4:

SELECT MAX(Retail) AS Most\_Expensive\_Retail

FROM s24dmontes2\_booksDB.BOOKS

WHERE Category = 'Cooking';

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Question 5:

SELECT Customer\_num, COUNT(Customer\_num) AS Number\_of\_Order

FROM s24dmontes2\_booksDB.ORDERS

GROUP BY Customer\_num;

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Question 6:

SELECT Name, Category, AVG(Retail) AS Average\_Retail

FROM s24dmontes2\_booksDB.PUBLISHER NATURAL JOIN BOOKS

GROUP BY Name, Category

HAVING AVG(Retail) < 40;

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Question 7:

SELECT FirstName, LastName, Order\_num, SUM(Retail \* Quantity) AS total

FROM s24dmontes2\_bookDB.CUSTOMERS NATURAL JOIN ORDERS NATURAL JOIN ORDERITEMS NATURAL JOIN BOOKS

WHERE CUSTOMERS.Customer\_num = ORDERS.Customer\_num AND ORDERITEMS.Order\_num = ORDERS.Order\_num AND State IN ('GA', 'FL', 'NJ')

GROUP BY FirstName, LastName, Order\_num

HAVING SUM(Retail \* Quantity) < 100

ORDER BY total ASC;

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Question 8:

SELECT MAX(Retail) AS Most\_Expensive

FROM s24dmontes2\_booksDB.BOOKS

JOIN s24dmontes2\_booksDB.BOOKAUTHOR ON BOOKS.ISBN = BOOKAUTHOR.ISBN

JOIN s24dmontes2\_booksDB.AUTHOR ON AUTHOR.AuthorID = BOOKAUTHOR.AuthorID

WHERE Lname = 'WHITE' AND Fname = 'LISA';

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Question 9:

SELECT AUTHOR.AuthorID, Lname, Fname, IF (sum(Quantity)is NULL, 0, sum(Quantity)) AS Total\_Order\_Numbers

FROM s24dmontes2\_booksDB.AUTHOR LEFT JOIN BOOKAUTHOR ON AUTHOR.AuthorID = BOOKAUTHOR.AuthorID

LEFT JOIN ORDERITEMS ON ORDERITEMS.ISBN = BOOKAUTHOR.ISBN

GROUP BY AUTHOR.AuthorID

ORDER BY sum(Quantity) DESC;

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Question 10:

SELECT State, COUNT(Customer\_num) AS Number\_of\_Customers

FROM s24dmontes2\_booksDB.CUSTOMERS

WHERE State LIKE '%A%'

GROUP BY State

HAVING COUNT(Customer\_num) >= 2;

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