
Assignment 5 (40 points)
Due Date: Wednesday, February 24, 2016 11:55 PM

Objectives:

This assignment focuses on the SELECT statements. The basis for the majority of database interactions is the SELECT statement. A database contains data as values for each field in a database. The SELECT statement enables the user to retrieve information from the database.

This assignment uses the tables accompanying with the *bookstore* database.

Additional Files:

- create_schema_bookstore.sql
- create_tables_bookstore.sql
- insert_data_bookstore.sql

Write SQL statements to perform the following queries:

- Query 1:** Display the rows from the Customer table where the customer ID is between 22229 and 66669. Display each customer's last name, first name, and customer ID.
- Query 2:** Display all employees who DO NOT earn exactly \$3,400, \$3,000, or \$6,000 and who have a last name that begins with the letter 'S'.
Display each employee's first name, last name, and salary.
- Query 3:** Write a SELECT statement that returns these columns from the Orders table:
order ID The order_id column
order date The order_date column
ship date The ship_date column
Return only the rows where the ship_date column contains a null value.
- Query 4:** Display all customers whose last name contains the letter pattern "IN." Put the results in order of last name, then first name. Display each customer's last name and first name.
- Query 5:** Display these columns from the Product table:
product ID The product_id column
product name The product_name column
product price The list_price column
Return only the rows with a list price that's greater than \$30.00 and less than \$900.00.
- Query 6:** Display these columns from the Orders table:
order ID The order_id column
order date The order_date column
When you have this working, add a WHERE clause that retrieves just the orders for March 2015. Sort the result set in descending order by the order date column.
- Query 7:** Display these columns from the Orders table:
order ID The order_id column
ship date The ship_date column
Add a WHERE clause that retrieves just the orders shipped after April 1, 2009.

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- Query 8:** Display these columns from the Orders table:
order ID The order_id column
order date The order_date column
Add a WHERE clause that retrieves just the orders placed on or before April 1, 2015?
- Query 9:** Use a search pattern to find any product's name with "E" for the second letter and "L" for the fourth letter. List each product ID, product code, and product name. Sort the list by product code in descending order.
- Query 10:** A customer service representative is trying to identify all products in the category 11 or 61 and provided by vendor 1 or vendor 2. However, the results shouldn't include any product selling for less than \$1100.00 (list_price). Display product_id, category_id, vendor_id, and list_price.

Submission

- You will need to label your assignment with your first initial, last name, and the name of the assignment.
- Zip the files to upload to Insight (yourname_assignment5.zip).
- Submit the zipped file containing the script and output TXT via Insight.
- Remember to include the query number as a comment at each step.
- Read your output TXT file before you turn it in.