

Lab Activity

Complete the following SQL exercises using the JustLee Books database. Launch SQL Developer, type in your statement, and execute it. Code and execute each exercise separately. Save both your statement and the results to a Word document. After all queries have been completed, submit the Word document to the appropriate location. Remember to refer back to the Learning Unit 2 Demonstration on how to use SQL Developer to code, execute and save SQL results.

Before these labs can be completed, the following script file must be run, **if you have not done so already**: *SQL Files folder: LU06 File*

Refer to the directions in Learning Unit 1 on using SQL Developer to load and execute script files.

Make sure descriptive aliases are used for column headings where necessary.

1. Produce a list of all customer names in which the first letter of the first and last names is in uppercase and the rest are in lowercase.
2. Create a list of all customer numbers along with a message indicating "REFERRED" or "NOT REFERRED" depending on whether the customer has been referred by another customer.
3. Display the book title and total profit generated by the book purchased on order 1002. Format the profit to display a dollar sign and two decimal places. Take into account that the customer might not have paid the full retail price, and each item ordered may be for multiple copies.
4. Display a list of all book titles and the percentage of markup for each book (which is the difference between the retail and cost amounts as a percent of the cost). Display the percentage of markup as a whole number with no decimal position, followed by a percent sign (.375 would be 38%).
5. Display the current day of the week, along with hour, minute and seconds, from the computer you are using.
6. Create a list of all book titles and costs. Precede the book cost with asterisks so that it occupies 12 positions in the results.
7. Determine the lengths of the titles in the Books table. Do not show duplicate lengths. Show largest length at the top.
8. Using the current date, determine the age (in months) of each book. Display the age in whole months only, ignoring any partial months. Display the book title, publication date, current date and age.
9. Determine the calendar date of the next occurrence of Wednesday, based on the current date.
10. Produce a list of each customer number and the third and fourth digits of their zip code. Also display the position of the first occurrence of a 3 in the customer number, if it exists.