

COMP B21 Assignment #2

Using the listed databases, create the appropriate SQL statements that will accomplish the following tasks.

Create a script named Assignment2 FirstName LastName.SQL (substitute you name where indicated) containing the SQL statements that satisfy the requirements.

Format for Assignment2 FirstName LastName.SQL:

-- Your name, COMP B21 Assignment #2

USE premiereproducts;

-- 1

SQL STATEMENT HERE

Continue through question number 8

USE henrybooks;

-- 9

SQL STATEMENT HERE

Continue through question 14

I suggest using MySQL Workbench to complete your work. Print a copy of your script and upload your script to the assignment link in Canvas. I have uploaded the scripts that will create the relevant tables (MySQL - HenryBooks_PremiereProducts) to our Canvas site.

DO YOUR OWN WORK!!! While it is OK to confer with each other on techniques for the assignment, YOU must do each exercise alone. Evidence of copying will result in all parties involved splitting the number of points received.

Multiple page answer sheets must be stapled in the top left corner.

Part 1

Using the **PremiereProducts** database located on the private class web page, generate the SQL statements for each of the items below.

1. List the total of all the customer balances. Label the column heading "Total Balance".

2. Same as #1, but list only those living in Grove.
3. List the customer number and the customer name, along with the REMAINING credit. Sort the list by the remaining credit limit.
4. List the number of parts on hand by warehouse.
5. List by warehouse, the TOTAL number of parts on hand by classification.
6. Create the SQL statement that will list the customer number, customer name, representative number, representative first name and representative last name. Format the representative's name as (lastname, firstname) and label the column "Representative's Name". Sort the list by the representative's first name within the representative's last name.
7. Create the SQL statement that will list the customer name, order number, order date, part description, quoted part price. Sort by order number within customer name.
8. We want to find out how much a customer has spent on each of their orders. Create the SQL statement that will list the customer name, order number and the total cost of all items on each order for each customer. Hint: you will need to calculate using (number ordered * quoted price).

Part 2

Using the **HenryBook** database located on the private class web page, generate the SQL statements for each of the items below.

9. List those publishers who publish paperbacks and the number of paperbacks published by each.
10. For every book published by "Taunton Press", list the book title, the copy number, and book price. Must use the publisher's name, not their code
11. Show the SQL statement that can calculate the average book price (rounded to 2 decimal places).
12. For every book, list the book code, book title, publisher code, and publisher name.
13. Show the SQL statement that can answer this question: How many books have the type SFI?
14. List the book title and book code for every book published by "Putnam Publishing Group" that has a book price greater than \$15. Must use the publisher's name, not their code. Remove duplicates.