COMP B21 Assignment #1

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

Create a script named Assignment1 FirstName LastName.SQL (substitute you name where indicated) containing the SQL statements that satisfy the requirements.

Format for Assignment1 FirstName LastName.SQL**:**

-- Your name, COMP B21 Assignment #1

USE premiereproducts;

-- 1

SQL STATEMENT HERE

Continue through question number 6

USE henrybooks;

-- 7

SQL STATEMENT HERE

Continue through question 18

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**, generate the SQL statements for each of the items below.

1. List all fields in the customer table for all records.

2. List the customer number, the customer name and the customer balance for all customers.

3. Same as #2, but sort the listing by customer name.

More on back

4.	List the customer number and the customer name, along with the REMAINING credit. Sort the list by the remaining credit limit.

5.	List the representative's number and their name. Format the name as "lastname, firstname" and assign it a column heading of "Representative's Name". Sort the listing by the representative's number.

6.	Same as #5, but sort the listing by the representative's name.

Part 2

Using the **HenryBook**, generate the SQL statements for each of the items below.

7.	List the author number and last name for every author.

8.	List the complete Branch table (all rows and columns).

9.	List the name of every publisher located in Boston.

10.	List the name of every publisher not located in Boston.

11.	List the bookcode for every book that has at least 2 authors.

12.	List the book code and title of every book that has the type SFI.

13.	List the book code and title of every book that has the type SFI and that is a paperback.

14.	List the book code and title of every book that has the type SFI or that has the publisher code PE.

15.	List the bookcode and price for each book with a price that is greater than or equal to $5, but less than or equal to $10. Don't worry about duplicates.

16.	Customers that are part of a special program get a 15% discount off regular book prices. To determine the discounted prices, list the book code, the price, and the discounted price (rounded to 2 decimal places) of every copy of book. (Your calculated column should calculate 85% of the current price, which is 100% less a 15% discount.)

17.	List the book code and title of every book that has the type SFI, HOR, or ART. You must use the "IN" SQL feature.

18.	List the publisher code, book code, and title for all books. Sort the results by title within publisher code.