CSC 174 Fall 2014
Homework 3
Total: 100 points

Design a Java Program to practice the use of JDBC to access MySQL database.

The name of your Java file should be lastName_FirstName_hw3.java. You homework 3 will be based on the database of your homework 2. Please make sure the database is created before you test your homework 3.
You can use insert statement to add additional tuples using MySQL interface (same way as hw2).

In your program, you need to implement the following:
1) Display all the items (item_ID) that were rented by "John Smith".
2) Query the "Film_Sound_Track" view (created in homework2) to display all the tuples in that view.
3) Call "Num_Of_Film_Rented" function (created in homework2). Given customer ID=12, display the number of films rented. You need to insert data to the database before you call this function, such that the function can returns at least one result.

<u>How to Set Up the Environment</u>

1. Install JDK, or use your preferred JAVA IDE
Make sure your properly set the path and classpath.
2. Download JDBC driver: ConnectorJ
    From http://dev.mysql.com/downloads/connector/j/.
3. Include the JDBC driver in the classpath.
4. An example program has been posted on SacCT. You need to change the values of the databasename, username, and password variables in order to run the program.
Note: You may need to work within the campus network (or VPN) in order to do this assignment.

<u>SUBMISSION</u>
Submit the following files to SacCT.
1) Your Java Program (source code with proper comments).
2) The result of running your program.