

Seneca College

April 11, 2018

Applied Arts & Technology

SCHOOL OF COMPUTER STUDIES

JAC444**Due date: April 17, 2018**

Workshop 11

Description:

This assignment lets you practice the basics of Java Database Connectivity in Java and includes concepts such as Swing GUI, SQL, and JDBC.

In Workshop 2, you were asked to give a Swing-GUI-based solution to receive some **Account** objects from the user and save/retrieve them to/from a file (*please refer to Workshop 2.*)

In this workshop, we want you to give a solution to the same problem, but this time, would like to be able to save/retrieve the **Account** objects' information to/from a database (table) - which is a more natural solution in these types of projects.

Hints: You can use MySQL (as we did in class) or any other relational DBMS but don't forget to use its java connector/JDBC driver.

Marking criteria:

Please note that you should:

- a- have appropriate indentation.
- b- have proper file structures and modularization.
- c- follow Java naming conventions.
- d- document all the classes properly.
- e- not have debug/useless code and/or file(s) left in assignment.
- f- have good intra and/or inter class designs.

in your code!

Task: Developing and running the desired solution: **5 marks.**

Deliverables:

You are supposed to hand in your solution (run the solution and/or answer related Qs) in lab 12.

In case you don't hand in/run the required task in the lab, you could submit your final solution (described below) but note that there would be a 50% penalty!

In this case, you should zip *only the Java files* to a file named after your Last Name followed by the first 3 digits of your student ID. For example, if your last name is **Savage** and your ID is **354874345** then the file should be named **Savage354.zip**. Finally email your zip file to me at reza.khojasteh@senecacollege.ca

Reminding Some Important Notes:

- Each assignment should be submitted before/on its due date. The (additional) deduction for late submission will be 10% each day or part of it. No assignments will be accepted after week 13.
- All the assignments should be done satisfactorily to pass the course. Moreover, to obtain a credit in this course, a student must achieve a weighted average of 50% or better on workshops.
- Students are encouraged to talk to each other, to the instructor, or to anyone else about any of the assignments, but the final solution may not be copied from any source.