

# Assignment 2

*Due: February 18, 2016*

## OVERVIEW

For this assignment, your task is to write a program, using Java and JDBC, to view and modify the data in the Customers table in the sampledata database (attached). Your program should present the user with a GUI for viewing the data and altering the data, buttons for moving between records, a button to save changes made to the data, and a button to add a new record.

## EXAMPLE SCREENSHOT

The following is an example of what your program might look like.

The screenshot shows a Java Swing window titled "Design Preview [TableView]". Inside the window is a form with the following fields and buttons:

- CustomerID: 1
- FirstName: Theresa
- LastName: Fletcher
- City: Dublin
- State: CA
- PhoneNumber: 510-557-3875
- JoinDate: 2015-01-24
- DOB: 1943-06-25

Buttons are located as follows:

- "Delete Record" and "New Record" are to the right of the CustomerID field.
- "Save Changes" is to the right of the FirstName field.
- "Previous Record" and "Next Record" are at the bottom right, below the DOB field.

## GRADING

You will be graded on the following metrics:

- Viewing records: 10 points
- Modifying records: 5 points
- Code readability (including comments): 5 points