CSE 180 Lab4 Assignment Setup Steps:

- Download the postgresql-42.2.8.jar file and copy the jar, RunMovieTheaterApplication.java, and MovieTheaterApplication.java to unix.ucsc.edu.

- Login into unix.ucsc.edu server and edit the ~/.bash_profile by adding the line:
export CLASSPATH=/afs/cats.ucsc.edu/users/l/userid/CSE180/lab4/postgresql42.2.8.jar:.
Make sure you run pwd first to use the path on your system.

```
export CLASSPATH=/afs/cats.ucsc.edu/users/f/nmittal1/lab4/postgresql-42.2.8.jar:
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"~/.bash_profile" 1L, 82C
```

- Now source the ~/.bash_profile file and edit the RunMovieTheaterApplication.java to change the username and password (psql credentials).

```
-bash-4.2$ source ~/.bash_profile
-bash-4.2$
```

```
-bash-4.2$ vi RunMovieTheaterApplication.java
-bash-4.2$
```

```
import java.sql.*;
import java.io.*;
import java.util.*;

/**
 * A class that connects to PostgreSQL and disconnects.
 * You will need to change your credentials below, to match the usename and password of your account
 * in the PostgreSQL server.
 * The name of your database in the server is the same as your username.
 * You are asked to include code that tests the methods of the MovieTheaterApplication class
 * in a similar manner to the sample RunFilmsApplication.java program.
 */

public class RunMovieTheaterApplication
{
    public static void main(String[] args) {

        Connection connection = null;
        try {
            //Register the driver
            Class.forName("org.postgresql.Driver");
            // Make the connection.
            // You will need to fill in your real username (twice) and password for your
            // Postgres account in the arguments of the getConnection method below.
            connection = DriverManager.getConnection(
                                            "jdbc:postgresql://cse180-db.lt.ucsc.edu/nmittal1",
                                            "nmittal1",
                                            "Natasha2908");
```

- Now compile both the java files and then execute the RunMovieTheaterApplication class.

```
-bash-4.2$ javac MovieTheaterApplication.java RunMovieTheaterApplication.java
-bash-4.2$ java RunMovieTheaterApplication
Connected to the database!
```