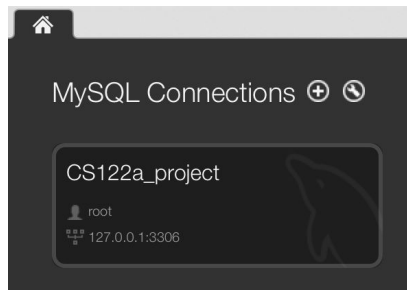


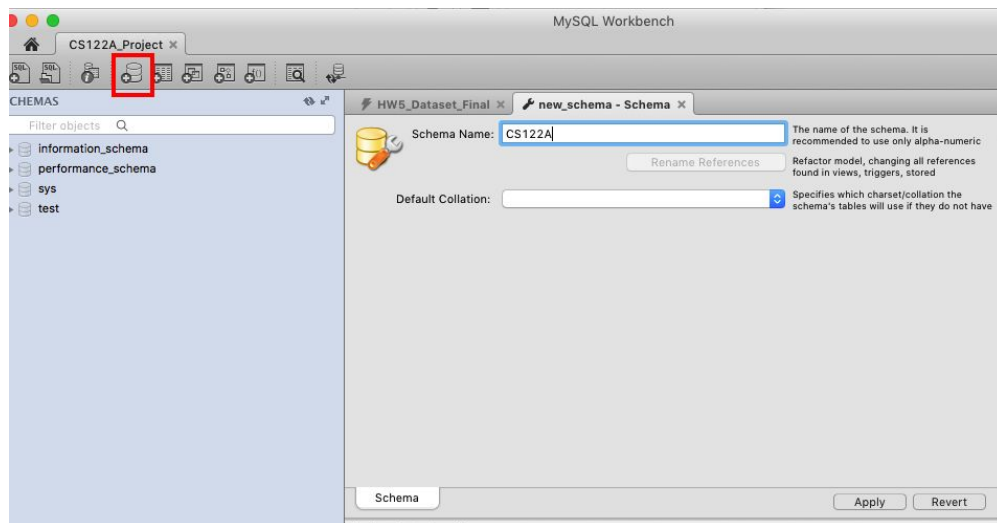
Homework 5: Instruction

In this assignment, you are to use MySQL to query the TopicalBirds data and show the results. Refer to the instructions ([for Windows](#), [for OS X](#)) on the class Web site to install MySQL. In addition to those instructions, you will need to load data into the Deliber database.

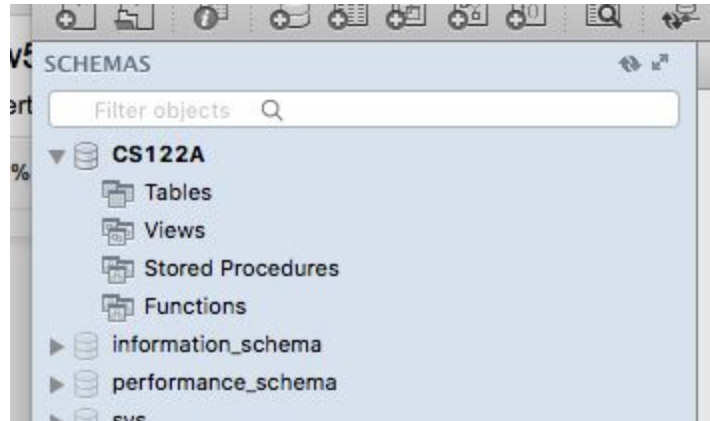
1. Open MySQLWorkbench and choose the connection that you created by following the installation instructions.



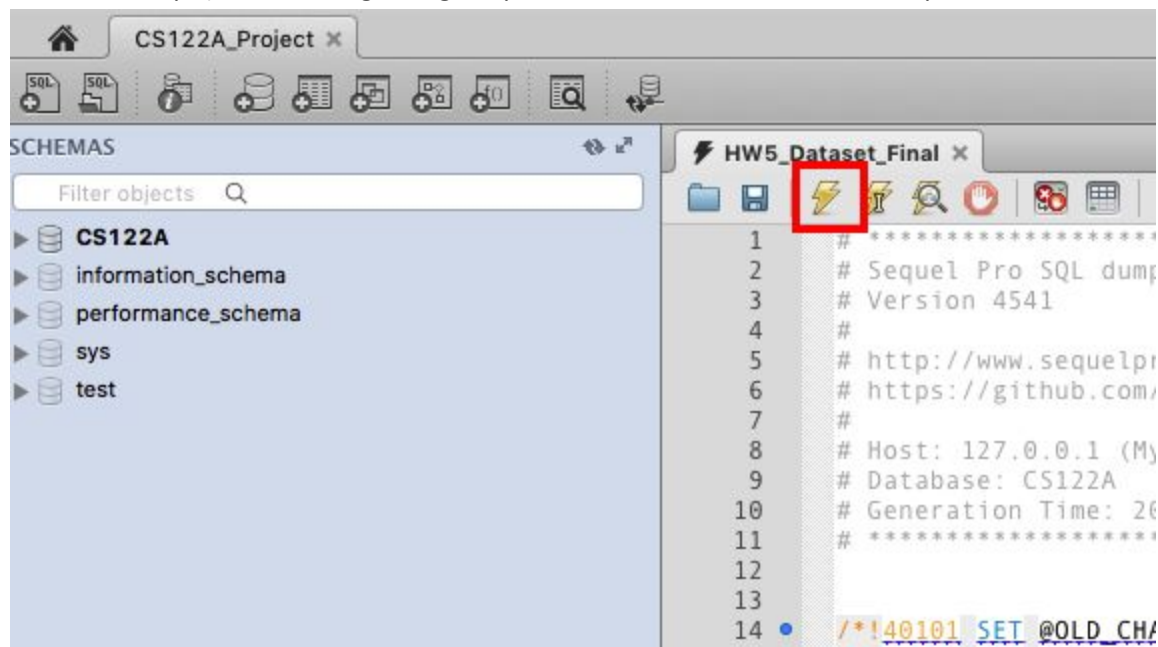
2. Create a new Schema 'CS122A' for executing database script.



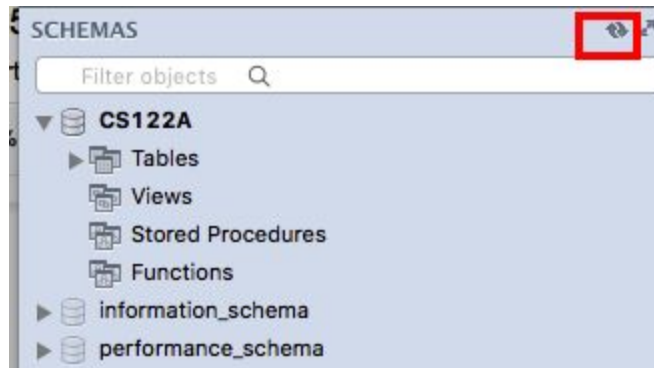
Double click the schema name to make sure it's the current schema that you are working with.



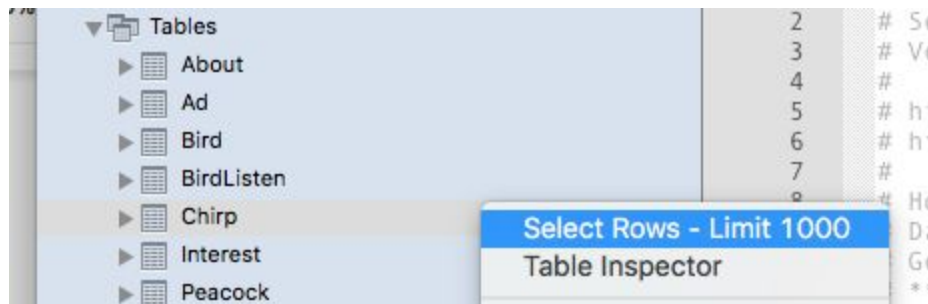
3. Download the TopicalBirds database script from the Class Web site. Copy the script and paste it in the Query window. (Or you can load the script by clicking [File] -> [Open Script] and select the script.) Click the lightning-shaped button to execute the SQL script.



4. When done, refresh the schema to check that the TopicalBirds database has been created and that the data has been successfully loaded.



5. Right-click any table and select “Select Rows – Limit 1000” to open a SQL window. Once a SQL window is opened, you can write a query in the window and click the lightning-shaped button to check the result of your query.



Now write each of the TopicalBirds queries in SQL against the tables that you have loaded. Turn in both the queries and the results of each query that you write. Please note that you will not get points for showing the results if the SQL query itself is not correct (!). Since you have a “live” MySQL instance at your disposal, however, this should not be an issue – as you can test all of your queries this way. **For this assignment, you need to create a single TXT file to include your queries and submit it to the EEE dropbox.**

Submission Note: Here are the instructions for creating your TXT file.

1. Open a new query tab in MySQLWorkBench and put your queries from Q1 to Q10 in order. Put `/* QX */` (e.g., `/* Q1 */`) comment after your original query but before the semicolon to let us know which question you answering.

Use CS122A;

`SELECT id FROM Topic LIMIT 1 /* Q1 */;`

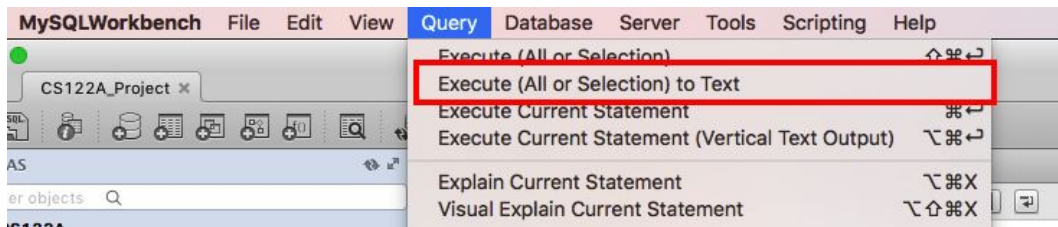
`SELECT "Q2: skipped";`

`SELECT ptag FROM Peacock /* Q3 */;`

...

2. If you have skipped a question, put **SELECT “QX: skipped”;** (e.g., `SELECT “Q2: skipped”;`) between the previous query and the next query.

3. Click “Execute (All or Selection) To Text” in the “Query” menu.



This will show your original queries and the results.

Execute:

> SELECT id FROM Topic LIMIT 1 /* Q1 */

```
+-----+
| id    |
+-----+
| 0     |
+-----+
1 rows
```

Execute:

> SELECT "Q2: skipped"

```
+-----+
| Q2: skipped |
+-----+
| Q2: skipped |
+-----+
1 rows
```

Execute:

> SELECT ptag FROM Peacock LIMIT 1/* Q3 */

```
+-----+
| ptag    |
+-----+
| edsheeran |
+-----+
1 rows
```

4. Copy all contents in the result pane and paste them in a TXT file. Name the TXT file as YourStudentID.txt (e.g. 12345678.txt). Do not modify it or convert it to other format such as DOC or PDF.