Relational Databases with MySQL Week 7 Coding Assignment

Points possible: 70

Category	Criteria	% of Grade
Functionality	Does the code work?	25
Organization	Is the code clean and organized? Proper use of white space, syntax, and consistency are utilized. Names and comments are concise and clear.	25
Creativity	Student solved the problems presented in the assignment using creativity and out of the box thinking.	25
Completeness	All requirements of the assignment are complete.	25

Instructions: Using a text editor of your choice, write the queries that accomplishes the objectives listed below. Take screenshots of the queries and results and paste them in this document where instructed below. Create a new repository on GitHub for this week's assignments and push this document to the repository. Additionally, push an .sql file with all your queries to the same repository. Add the URL for this week's repository to this document where instructed and submit this document to your instructor when complete.

Coding Steps:

Using the employees database you installed, write SQL queries that do the following (the SQL queries you write are what you will turn in for your homework):

1. Show all employees who were born before 1965-01-01

2. Show all employees who are female and were hired after 1990

3. Show the first and last name of the first 50 employees whose last name starts with F

4. Insert 3 new employees into the employees table. There emp_no should be 100, 101, and 102. You can choose the rest of the data.

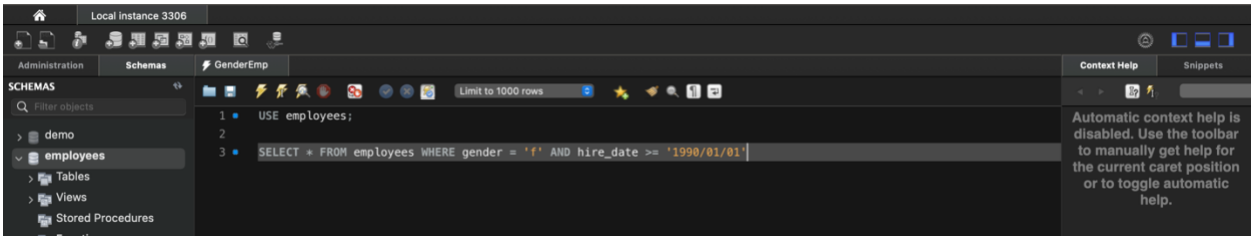
5. Change the employee's first name to Bob for the employee with the emp_no of 10023.

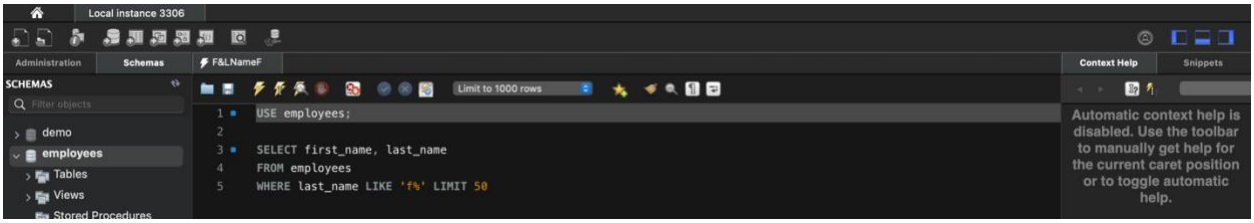
6. Change all employees hire dates to 2002-01-01 whose first or last names start with P.

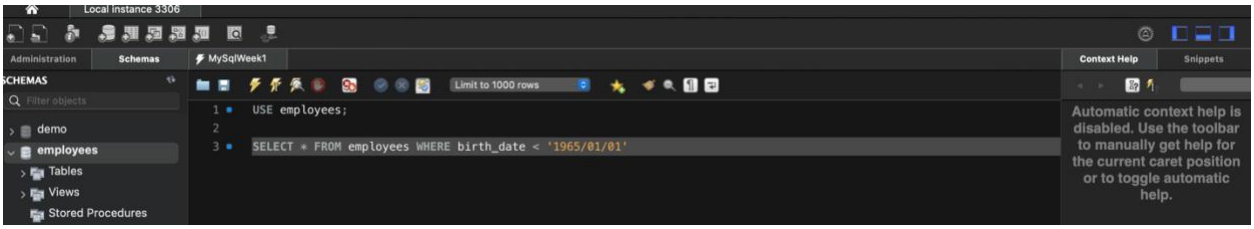
7. Delete all employees who have an emp_no less than 10000

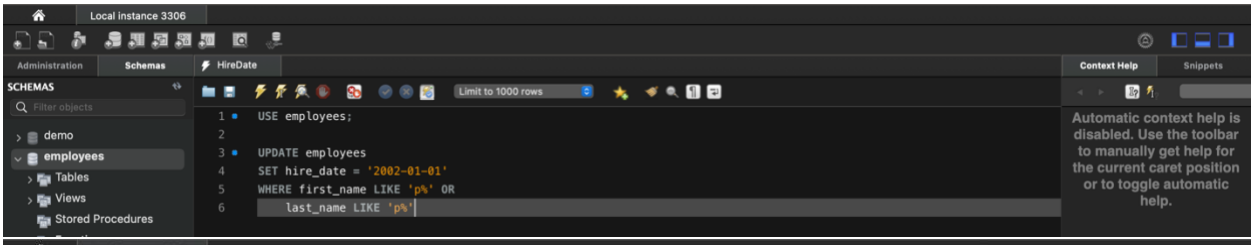
8. Delete all employee who have an emp_no of 10048, 10099, 10234, and 20089.

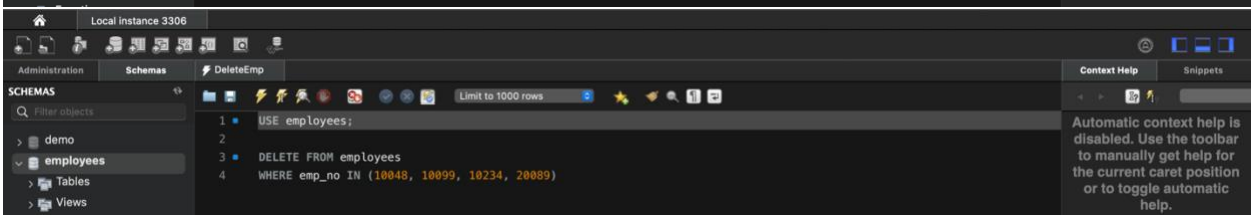
Screenshots of Queries:

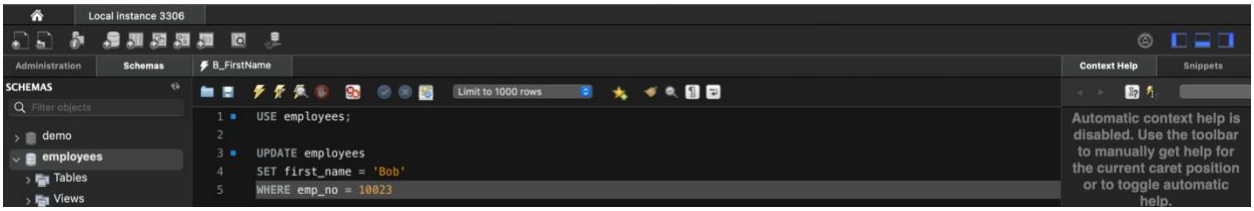


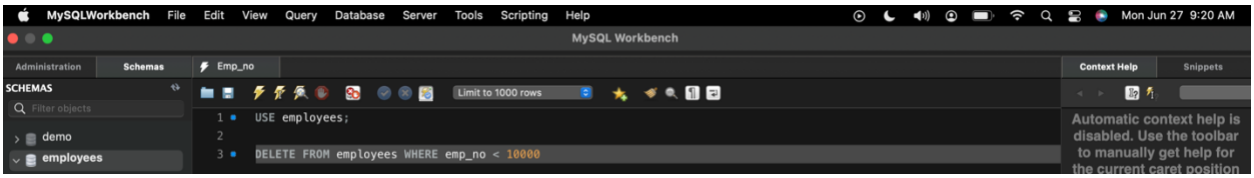


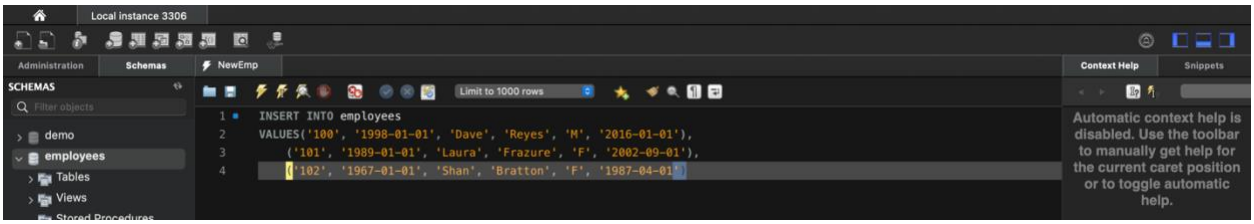




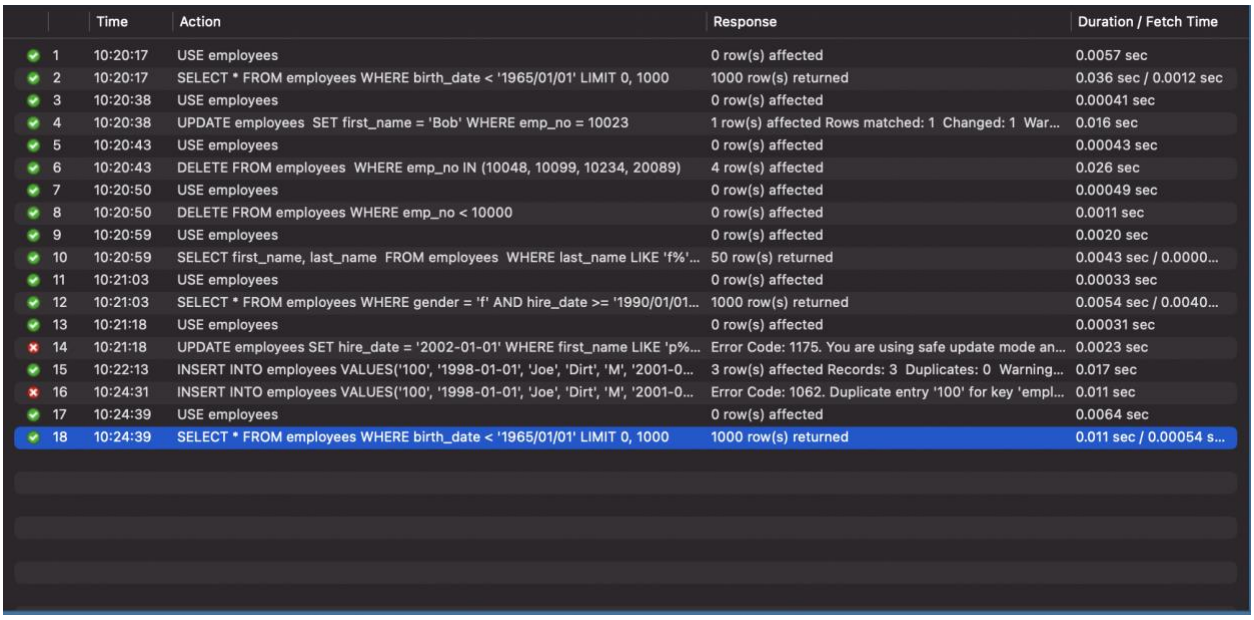








Screenshots of Query Results (only include the last 20 rows):



	Time	Action	Response	Duration / Fetch Time
1	10:20:17	USE employees	0 row(s) affected	0.0057 sec
2	10:20:17	SELECT * FROM employees WHERE birth_date < '1965/01/01' LIMIT 0, 1000	1000 row(s) returned	0.036 sec / 0.0012 sec
3	10:20:38	USE employees	0 row(s) affected	0.00041 sec
4	10:20:38	UPDATE employees SET first_name = 'Bob' WHERE emp_no = 10023	1 row(s) affected Rows matched: 1 Changed: 1 War...	0.016 sec
5	10:20:43	USE employees	0 row(s) affected	0.00043 sec
6	10:20:43	DELETE FROM employees WHERE emp_no IN (10048, 10099, 10234, 20089)	4 row(s) affected	0.026 sec
7	10:20:50	USE employees	0 row(s) affected	0.00049 sec
8	10:20:50	DELETE FROM employees WHERE emp_no < 10000	0 row(s) affected	0.0011 sec
9	10:20:59	USE employees	0 row(s) affected	0.0020 sec
10	10:20:59	SELECT first_name, last_name FROM employees WHERE last_name LIKE 'f%'...	50 row(s) returned	0.0043 sec / 0.0000...
11	10:21:03	USE employees	0 row(s) affected	0.00033 sec
12	10:21:03	SELECT * FROM employees WHERE gender = 'f' AND hire_date >= '1990/01/01...	1000 row(s) returned	0.0054 sec / 0.0040...
13	10:21:18	USE employees	0 row(s) affected	0.00031 sec
14	10:21:18	UPDATE employees SET hire_date = '2002-01-01' WHERE first_name LIKE 'p%...	Error Code: 1175. You are using safe update mode an...	0.0023 sec
15	10:22:13	INSERT INTO employees VALUES('100', '1998-01-01', 'Joe', 'Dirt', 'M', '2001-0...	3 row(s) affected Records: 3 Duplicates: 0 Warning...	0.017 sec
16	10:24:31	INSERT INTO employees VALUES('100', '1998-01-01', 'Joe', 'Dirt', 'M', '2001-0...	Error Code: 1062. Duplicate entry '100' for key 'empl...	0.011 sec
17	10:24:39	USE employees	0 row(s) affected	0.0064 sec
18	10:24:39	SELECT * FROM employees WHERE birth_date < '1965/01/01' LIMIT 0, 1000	1000 row(s) returned	0.011 sec / 0.00054 s...

Not sure why line number 14 did not work.

URL to GitHub Repository: https://github.com/SolemnDave/MySqlWeek1