## Relational Databases with MySQL Week 7 Coding Assignment Points possible: 70

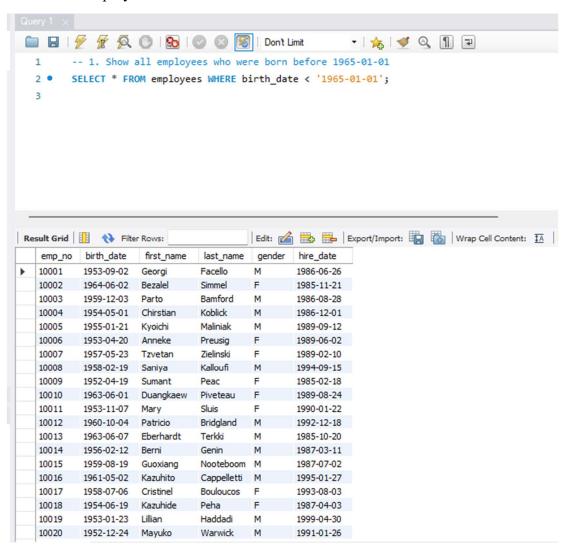
Category	Criteria	% of Grade
Functionality	Does the code work?	25
Organization	Is the code clean and organized? Proper use of white space, syntax, and consistency are utilized.  Names and comments are concise and clear.	25
Creativity	Student solved the problems presented in the assignment using creativity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

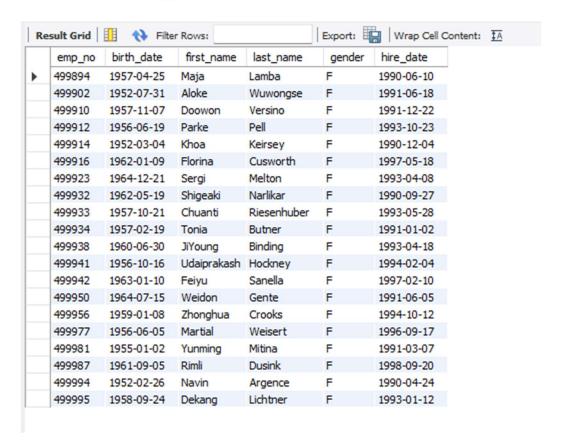
## **Coding Steps:**

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

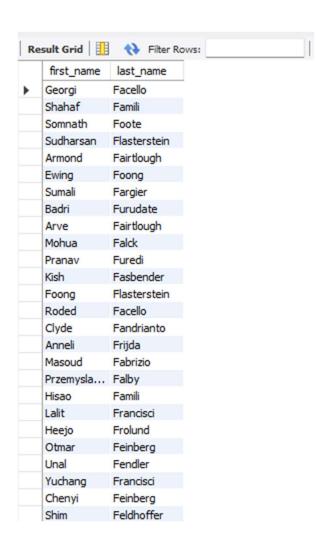


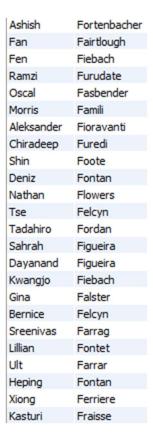
2. Show all employees who are female and were hired after 1990



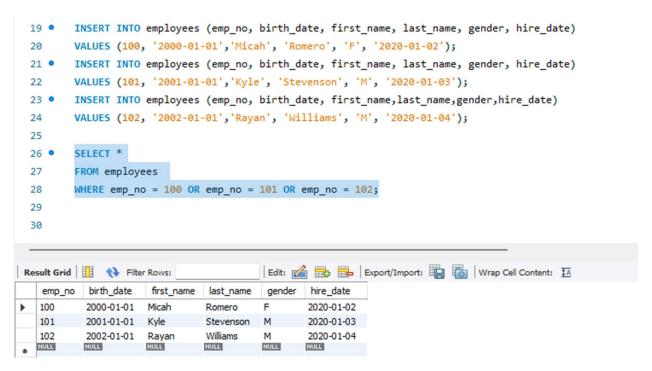
3. Show the first and last name of the first 50 employees whose last name starts with F

```
13
14 • SELECT first_name, last_name
15 FROM employees
16 WHERE last_name LIKE 'F%'
17 LIMIT 50;
```

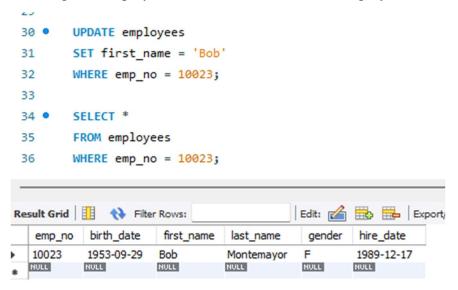




4. Insert 3 new employees into the employees table. There emp\_no should be 100, 101, and 102. You can choose the rest of the data.



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.

```
-- disable first the sql safe update mode and set to 0 to allow update on sql

SET SQL_SAFE_UPDATES = 0;

UPDATE employees

SET hire_date = ('2002-01-01')

WHERE last_name LIKE 'P%' OR first_name LIKE 'P%';

SELECT * FROM (

SELECT *

FROM employees

WHERE last_name LIKE 'P%' OR first_name LIKE 'P%'

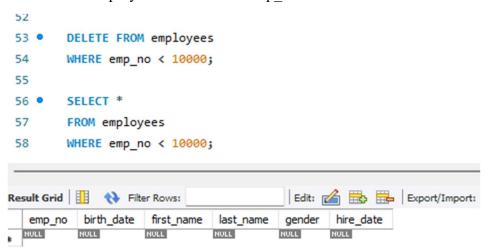
ORDER BY emp_no DESC LIMIT 20

) sub

ORDER BY emp_no ASC;
```



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.

```
60 •
        DELETE FROM employees
        WHERE emp_no = 10048;
 61
 62
 63 •
        DELETE FROM employees
 64
        WHERE emp_no = 10099;
 65
 66 •
        DELETE FROM employees
 67
        WHERE emp_no = 10234;
 68
 69 •
        DELETE FROM employees
        WHERE emp_no = 20089;
 70
 71
        SELECT *
 72 •
 73
        FROM employees
        WHERE emp_no = 10048 OR emp_no = 10099 OR emp_no = 10234 OR emp_no = 20089;
 74
Edit: 🚄 🖶 Export/Import: 🏣 🌄 | Wrap Cell Content:
   emp_no birth_date first_name last_name gender hire_date
* NULL
          NULL
                            NULL
                                      NULL
                                            NULL
                   NULL
```

https://github.com/ailimutan/week7-mysqlassignment