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.

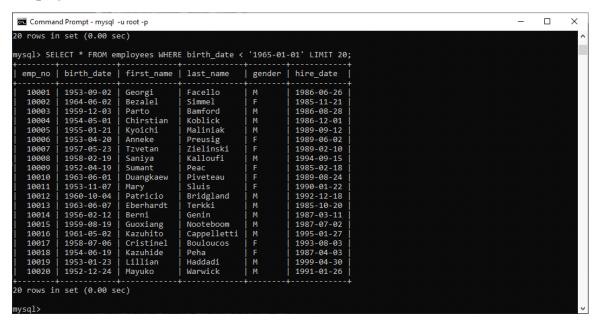
Coding Steps:

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):

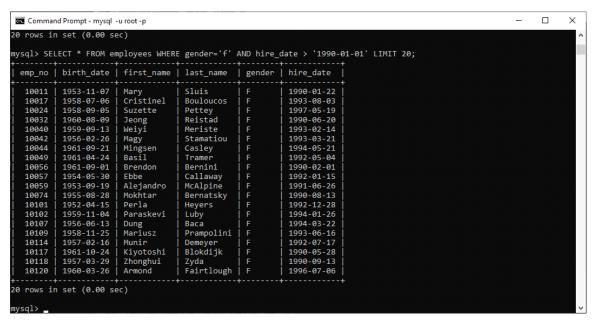
- 1. Show all employees who were born before 1965-01-01
- 2. Show all employees who are female and were hired after 1990
- 3. Show the first and last name of the first 50 employees whose last name starts with F
- 4. Insert 3 new employees into the employees table. There emp_no should be 100, 101, and 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 amd Query Result;

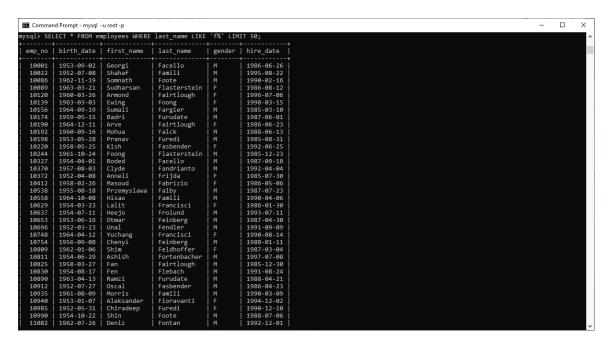
Employees Before 1965



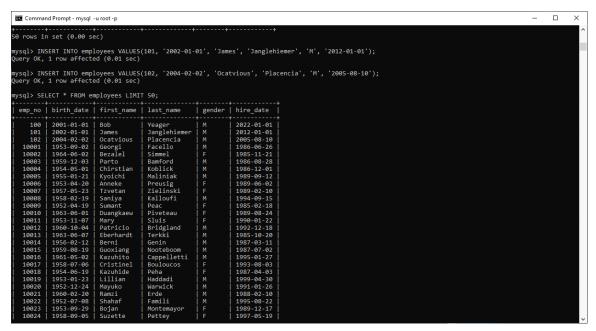
Employees that are Female and Hired After 90



Employees whose First and Last name start with an F



Inserting Three Employees that Start with Emp No 100,101,102



Changing name to Bob with ID 10023

Changing All employee hire dates whose first and last name start with P

```
mysql> UPDATE employees SET hire date "2002-01-01' AND last_name LIKE "%p' AND first_name "%p';
ERROR 1004 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near
"%p' AND first_name "%p'; at line 1
mysql> UPDATE employees SET hire date-"2002-01-01' WHERE first_name AND last_name LIKE "%p';
ERROR 1209 (22009): Truncated incorrect DOUBLE value: 'Bob'
mysql> UPDATE employees SET hire date-"2002-01-01' WHERE first_name AND last_name LIKE "%p';
ERROR 1004 (24000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near
"%p' at line 1
mysql> UPDATE employees SET hire date-"2002-01-01' WHERE first_name AND last_name LIKE '%p';
and line 1
mysql> UPDATE employees SET hire date-"2002-01-01' WHERE first_name AND last_name = "%p';
Query OK, 0 rows affected (0.25 sec)
Rows matched: 0 changed: 0 Warnings: 0
mysql> UPDATE employees SET hire date-"2002-01-01' WHERE first_name AND last_name = "%p';
Query OK, 0 rows affected (0.25 sec)
Rows matched: 0 changed: 0 Warnings: 0
mysql> UPDATE employees SET hire date-"2002-01-01' WHERE first_name = "%p' AND last_name = "%p';
Query OK, 0 rows affected (0.25 sec)
Rows matched: 0 changed: 0 Warnings: 0
mysql> UPDATE employees SET hire date-"2002-01-01' WHERE first_name = "%p' AND last_name = "p';
Query OK, 0 rows affected (0.26 sec)
Rows matched: 0 changed: 0 Warnings: 0
mysql> UPDATE employees SET hire date-"2002-01-01' WHERE first_name = "%p' AND last_name = "p';
Query OK, 0 rows affected (0.26 sec)
Rows matched: 0 changed: 0 Warnings: 0
mysql> UPDATE employees SET hire date-"2002-01-01' WHERE first_name LIKE "%p';
mysql> UPDATE employees SET hire date-"2002-01-01' WHERE first_name LIKE "%p';
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mysql> UPDATE employees SET hire date-"2002-01-01' WHERE first_name LIKE "%p';
mysql> UPDATE employees SET hire date-"2002-01-01' WHERE first_name LIKE "%p
```

Deleting all IDs less that 10000

```
mysql) UPDATE employees SET hire_date = '2002-01-01' AND last_name LIKE = '%p' AND first_name = '%p';
ERROR 1902 (22007): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near """" hy AND first_name = '%p'; at line 1 mysql) UPDATE employees SET hire_date='2002-01-01' WHERE first_name AND last_name LIKE '%p';
ERROR 1292 (22007): Truncated incorrect DOUBLE value: 'Bob'
mysql) UPDATE employees SET hire_date='2002-01-01' WHERE first_name AND last_name LIKE '%p';
ERROR 1204 (24009): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '"- '%p' at line 1
mysql) UPDATE employees SET hire_date='2002-01-01' WHERE first_name AND last_name LIKE '%p';
ERROR 1204 (22007): Truncated incorrect DOUBLE value: 'Bob'
mysql) UPDATE employees SET hire_date='2002-01-01' WHERE first_name AND last_name = '%p';
Query OK a Pous affected (0.25 sec)

Mysql) UPDATE employees SET hire_date='2002-01-01' WHERE first_name AND last_name = '%p';
Query OK, a Pous affected (0.24 sec)

Mysql) UPDATE employees SET hire_date='2002-01-01' WHERE first_name = '%p';
Query OK, a Pous affected (0.24 sec)

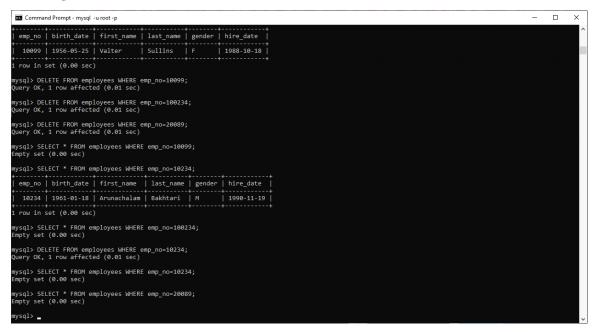
Mysql) UPDATE employees SET hire_date='2002-01-01' WHERE first_name = 'p' AND last_name = 'p';
Query OK, a Pous affected (0.24 sec)

Mysql) UPDATE employees SET hire_date='2002-01-01' WHERE first_name = 'p' AND last_name = 'p';
Query OK, a Pous affected (0.26 sec)

Mysql) UPDATE employees SET hire_date='2002-01-01' WHERE first_name AND last_name = 'p';
Query OK, a Pous affected (0.26 sec)

Mysql) UPDATE employees SET hire_date='2002-01-01' WHERE first_name LIKE '%p';
Mysql) UPDATE employees SET hire_date='2002-01-01' WHERE first_name LIKE '%p';
Mysql) UPDATE employees SET hire_date='2002-01-01' WHERE first_name LIKE '%p';
Mysql) UPDATE employees Mysql SET hire_date='2002-01-01' WHERE first_name LIKE '%p';
Mysql) UPDATE employees Mysql SET hire_date='2002-01-01' WHERE first_name LIKE '%p';
Mysql) U
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Deleting ID no 10048, 10099, 10234, and 20089



URL to GitHub Repository: https://github.com/Starssk1ttles/Week7SQL