# Relational Databases with MySQL Week 1 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 AND Query Results (only include the last 20 rows):**

1. **(last 20 in reverse order)**

**Graphical user interface

Description automatically generated with low confidence**

**2. (last 20 in correct order using sub query)**

**Graphical user interface, text, application, email

Description automatically generated**

**3. (last 20 of first 50)**

**Graphical user interface, text, application, email

Description automatically generated**

**4. (showing added entries)**

**Table

Description automatically generated**

**5. (showing only updated entry)**

**Graphical user interface, text, application, email

Description automatically generated**

**6. (last 20 of first 1000 returned results)**

**Graphical user interface

Description automatically generated with medium confidence**

**7. (showing first 20 rows to show deletion of 100, 101, 102)**

**Graphical user interface

Description automatically generated with medium confidence**

**8. (showing successful delete)**

**Text, table

Description automatically generated with medium confidence**

**(showing example of 10048 deletion)**

**Table

Description automatically generated**

**URL to GitHub Repository:**

**https://github.com/shecking/mysql-week1assignment**