# Relational Databases with MySQL Week 8 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:**

Write queries to address the following business needs.

1. I want to know how many employees with each title were born after 1965-01-01.

2. I want to know the average salary per title.

3. How much money was spent on salary for the marketing department between the years 1990 and 1992?

**Screenshots of Queries:**

**Graphical user interface, text, application

Description automatically generated**

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

**NOTE, I reloaded the Employees database after assignment #1 MySQL as changes were made to the data in Assignment #1. Lynnae**

**1) Please note, I only included current employees.**

**Graphical user interface, table

Description automatically generated**

**2) Please note, I included all job titles, not just job titles currently filled.**

**Graphical user interface, text

Description automatically generated with medium confidence**

**3) Crude estimate.**

**Graphical user interface, application, Word

Description automatically generated**

**3 BONUS) I tried to create a little less crude estimate of salaries. See comment in code.**

**Graphical user interface, application

Description automatically generated**

**URL to GitHub Repository:**

[LynnaeInama/Mountain-Week8-MySQL-CodingAssignment: MySQL coding assignment - Week 8 (Week 2 of MySQL) (github.com)](https://github.com/LynnaeInama/Mountain-Week8-MySQL-CodingAssignment)