# Relational Databases with MySQL Week 4 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, with your Java project code, to the 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 5 stored procedures for the employees database.

Write a description of what each stored procedure does and how to use it.

Procedures should use constructs you learned about from your research assignment and be more than just queries.

Descriptions:

-x add\_new\_emp: adds new employee information to all relevant tables and fields, used as part of the onboarding process to enter the employee in all relevant tables in the database.

-x Annual Cost of Living adjustments: annual raise amount of x% of current salaries. Output: raise report total annual salaries by department

-x terminate\_employee: find records based on employee number and change to\_date to last\_day

-emp\_duration: determines if an employee has been with the company for more than 15 years. Can be used inside other stored procedures.

- performance adjustment: gives a percentage raise to current employees with an even numbered employee number.

**Screenshots:**

**Text

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**Text

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**Graphical user interface, text, application

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**Text

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**A screenshot of a computer

Description automatically generated with medium confidence**

**Graphical user interface, text, application, chat or text message

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**URL to GitHub Repository:**