Relational Databases with MySQL Week 4 Coding Assignment

**Points possible:** 70

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| --- | --- | --- |
| 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.

**Screenshots:**

This gets the employee name and department (I put job title for some silly reason) but it orders by the employee numbers and just gives name and department.



This procedure counts the amount of employees in every department.



This procedure takes an input and gives the user all of the employee numbers, names, and job titles of whatever job title they want. It is ordered by the emp\_no.



This procedure counts the amount of employees that are under a specific title taking in user input and a where a clause to do so.



This procedure counts the number of employees with whatever input salary with a range of 1k (500 over or under the input number)



**URL to GitHub Repository:**