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.

**A screen shot of a city

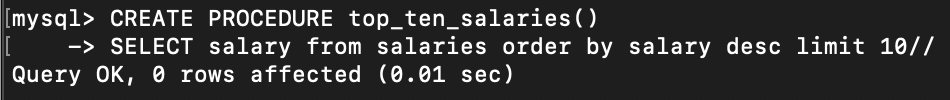
Description automatically generated**

This procedure shows the employee number of all the employees that have a salary over $100,000. This could be used when a business owner wants to know who/how many employees are making 6 figures.

**A close up of a sign

Description automatically generated**

This procedure shows the current average salary. This could be used when a company is hiring and wants to advertise an average salary.

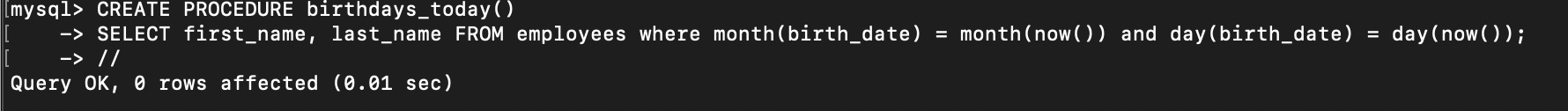


This procedure shows the top 10 salaries. This could be used when a company wants to know what their top paid employees are being paid.

A screenshot of a cell phone

Description automatically generated

This procedure shows the employee number of the current department managers. This is used when a company needs to reach all the department managers.



This procedure shows the first and last name of the employees who have birthdays today. This could be used to send out personal happy birthday emails to employees.

**URL to GitHub Repository:** [**https://github.com/jaymihaws/Week4\_mysql.git**](https://github.com/jaymihaws/Week4_mysql.git)