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:**

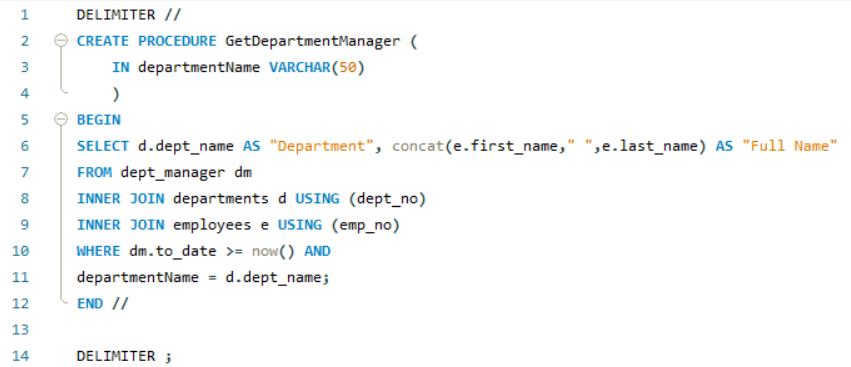
Write 5 stored procedures for the employees database.

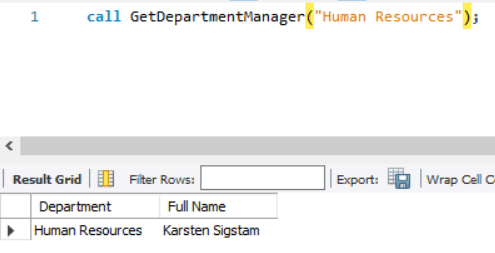
Write a description of what each stored procedure does and how to use it.

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

**Screenshots:**

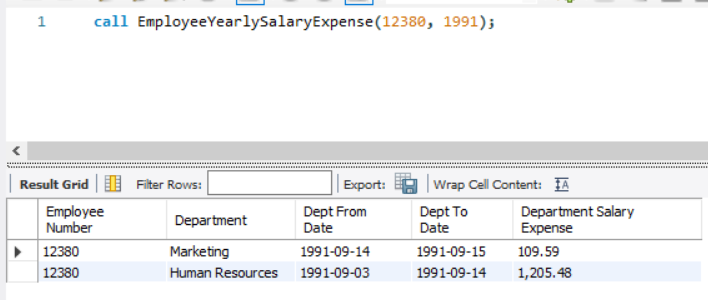
1. GetDepartmentManager – This procedure takes the department name as a parameter and will return the current department manger for that department.



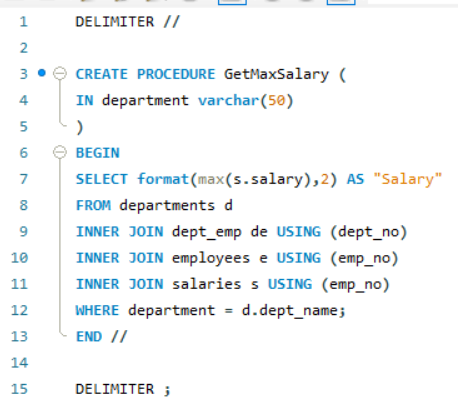


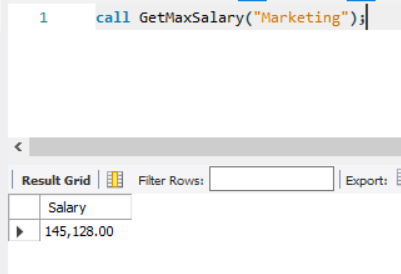
1. EmployeeYearlySalaryExpense – This procedure takes the employee number and requested year as input parameters and will return the salary expense by department for that employee during the specified year.



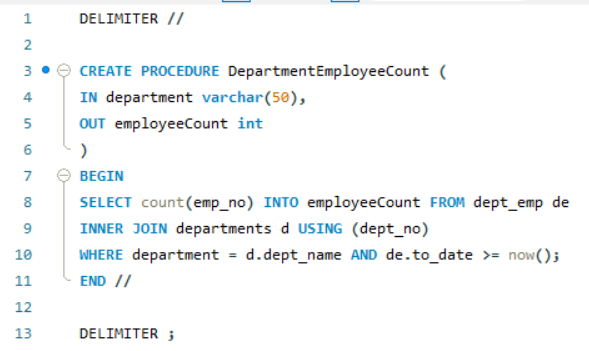
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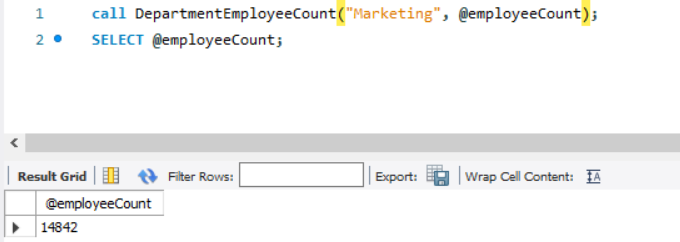
1. GetMaxSalary – Will take the department name as an input parameter and will return the max salary from the department.



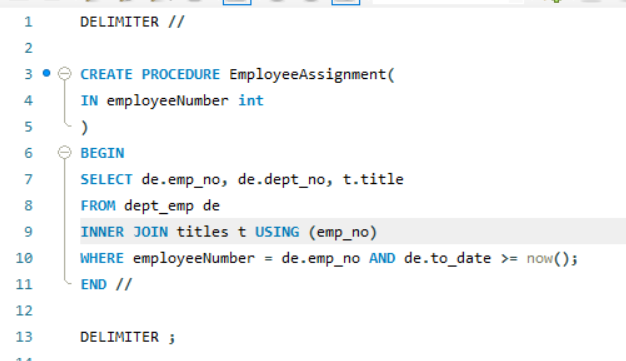


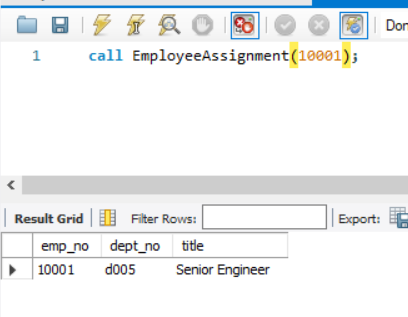
1. DepartmentEmployeeCount – This query will return the current amount of employees in a specified department. The input parameter is the department name and the output parameter is the count of current employees in that department.





1. EmployeeAssignment will give you the current department and title of the specified employee using the employee number as an input parameter





**URL to GitHub Repository:**

https://github.com/lrod8/MySQL-Week-4