CS 3100

Homework Assignment 3

General Directions:

Copy and paste your query and output to answer each question below. Please submit both a Word document and the SQL script (.sql file) for grading. I will grade from the Word document and refer to the SQL script in case I need to debug your codes.

Each question is worth 10 points. There is an extra credit challenge question worth 5 points.

1. Write a query that retrieves the employee number (emp\_no) and associated salary for the **currently** highest paid individual in the company.
2. Write a query that retrieves the employee number (emp\_no) and associated salary for the **currently** lowest paid individual in the company.
3. Write a query that shows the **current** number of employees (i.e. “head count”) in each department. The only columns that should be in the output table are department number and the total number of employees. Hint: Use the dept\_emp table.
4. How many employees currently earn $100,000 or more?
5. How many male and female employees are there? The only columns that should be in the output table are gender and the number of employees.
6. Go to <https://github.com/> and create a GitHub account. Go to <https://desktop.github.com/> and download GitHub Desktop to your machine. Please submit a screen shot of your GitHub Desktop.

Extra Credit Challenge (5 points):

Write a query that uses a conditional logic showing the number of employees grouped in the following manner: Customer Service; Production; Sales; and Other. Hint: Your output should look something like this:

