Relational Databases with MySQL Week 2 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 to the repository. Additionally, push an .sql file with all your queries to the same 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:

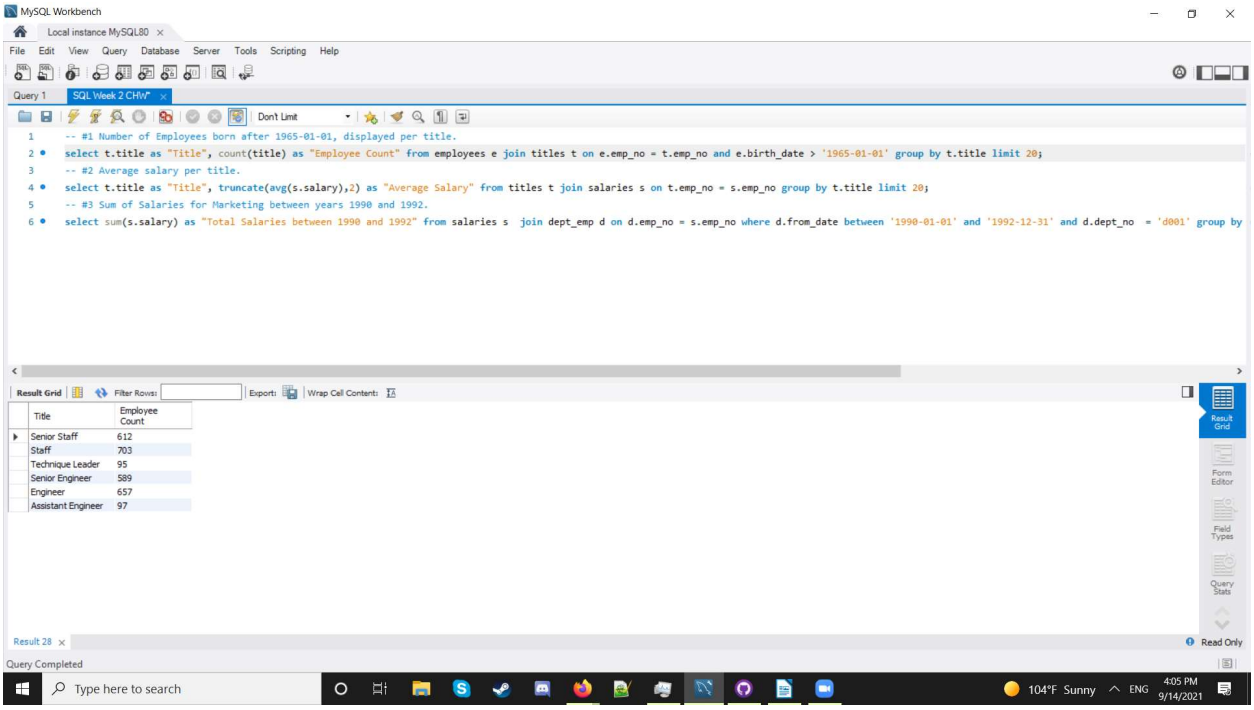
Write queries to address the following business needs.

1. I want to know how many employees with each title were born after 1965-01-01.

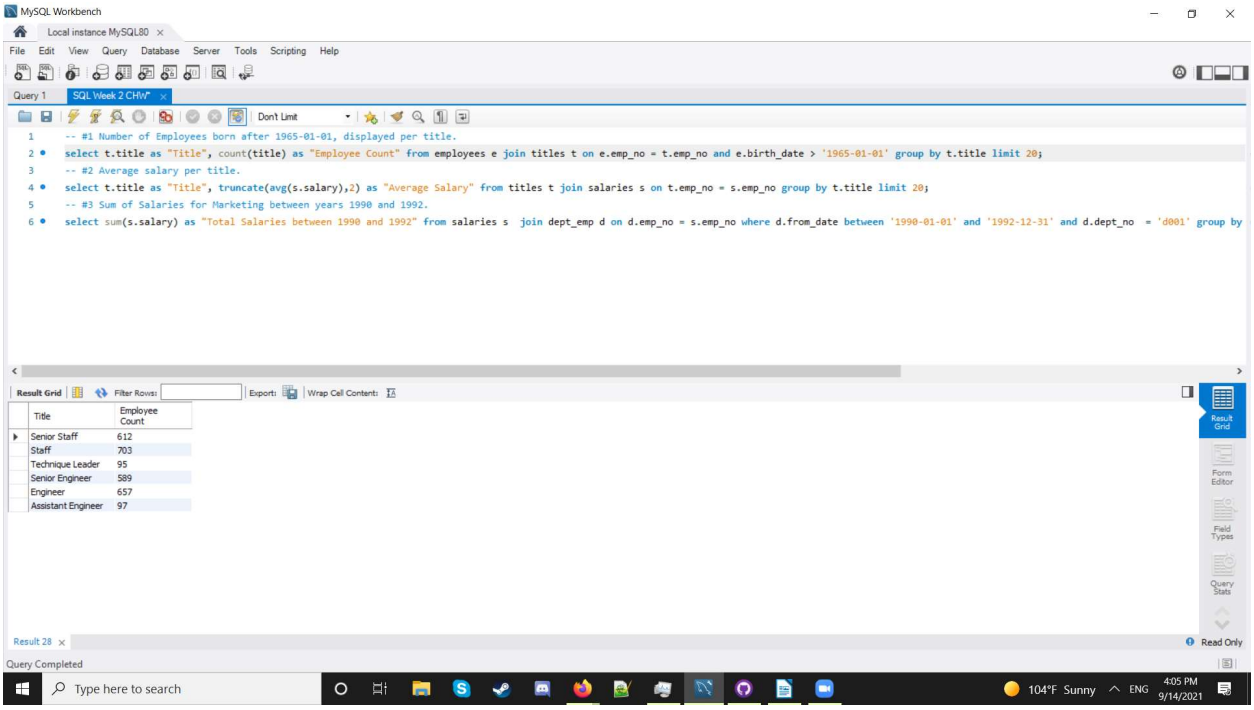
2. I want to know the average salary per title.

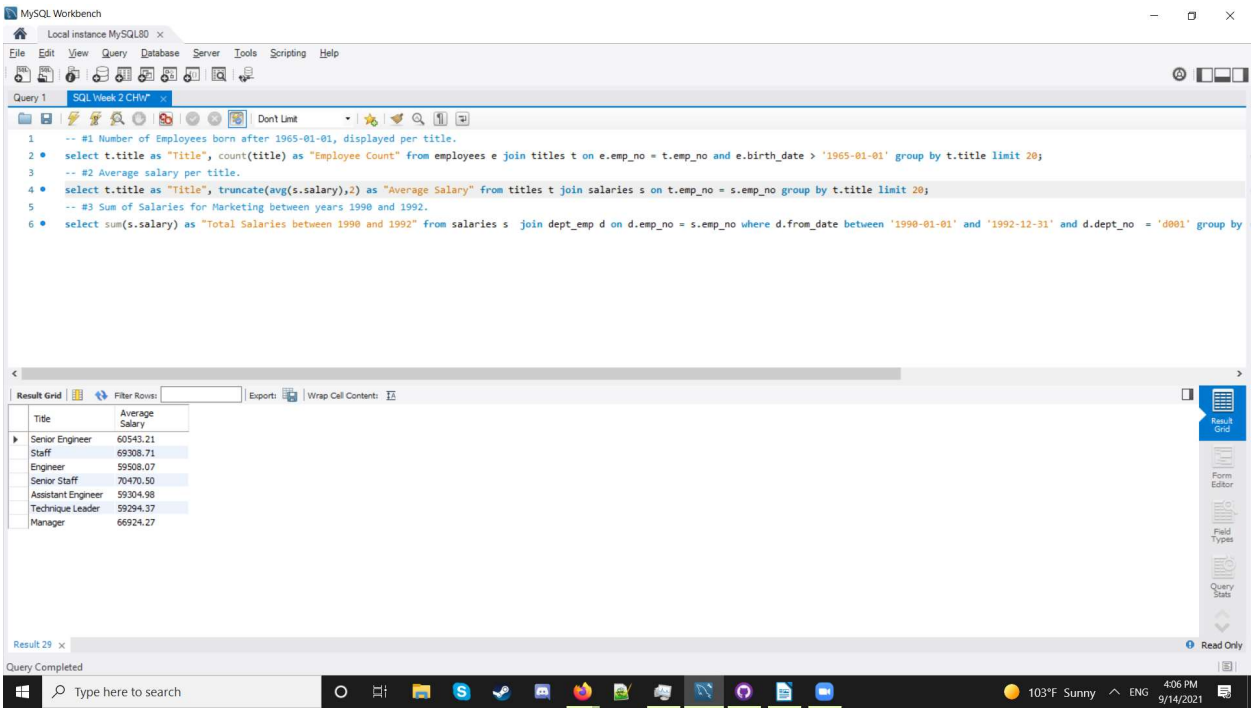
3. How much money was spent on salary for the marketing department between the years 1990 and 1992?

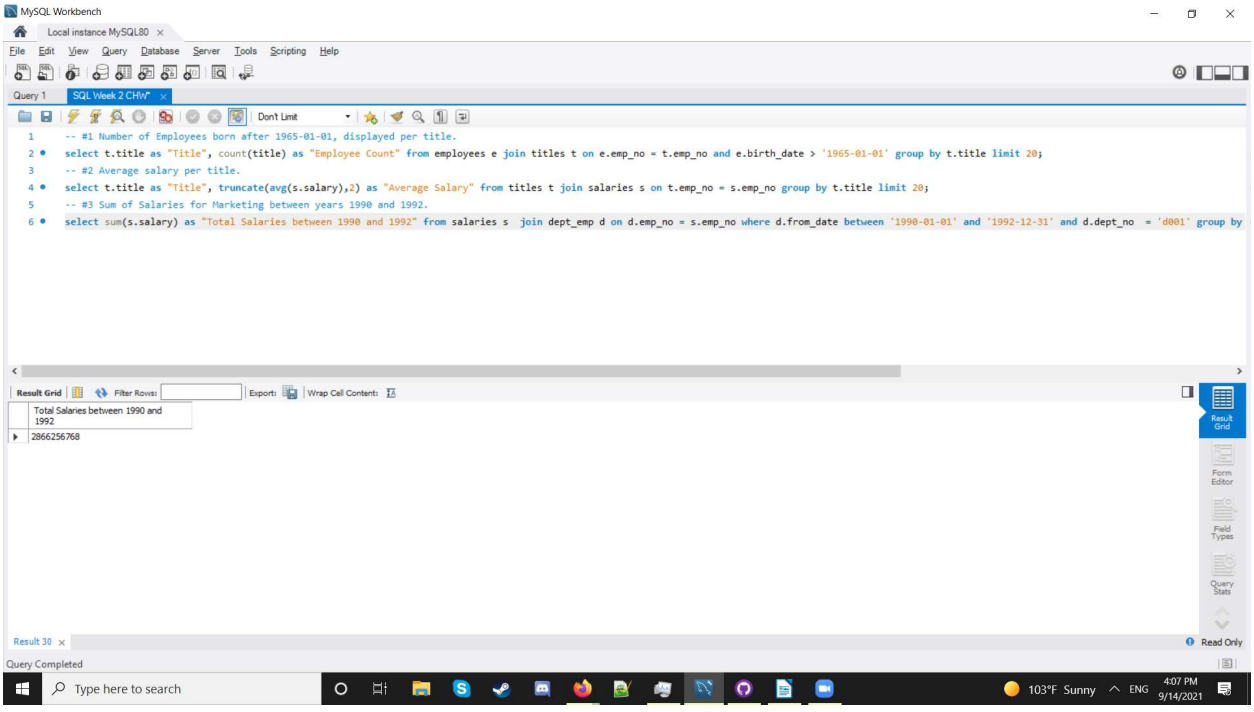
Screenshots of Queries:



Screenshots of Query Results (only include the last 20 rows):




MySQL Workbench
Local instance MySQL80
File Edit View Query Database Server Tools Scripting Help
Query 1
SQL Week 2 CHW*
Don't Limit
1 -- #1 Number of Employees born after 1965-01-01, displayed per title.
2 select t.title as "Title", count(title) as "Employee Count" from employees e join titles t on e.emp_no = t.emp_no and e.birth_date > '1965-01-01' group by t.title limit 20;
3 -- #2 Average salary per title.
4 select t.title as "Title", truncate(avg(s.salary),2) as "Average Salary" from titles t join salaries s on t.emp_no = s.emp_no group by t.title limit 20;
5 -- #3 Sum of Salaries for Marketing between years 1990 and 1992.
6 select sum(s.salary) as "Total Salaries between 1990 and 1992" from salaries s join dept_emp d on d.emp_no = s.emp_no where d.from_date between '1990-01-01' and '1992-12-31' and d.dept_no = 'd001' group by
Result Grid
Filter Rows:
Export:
Wrap Cell Content:
Title
Average Salary
Senior Engineer 60543.21
Staff 69308.71
Engineer 59508.07
Senior Staff 70470.50
Assistant Engineer 59304.98
Technique Leader 59294.37
Manager 66924.27
Result 29
Read Only
Query Completed
Type here to search
103°F Sunny
ENG
4:06 PM
9/14/2021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Result Grid
Filter Rows:
Export:
Wrap Cell Content:
Total Salaries between 1990 and 1992
286625768
Result 30
Read Only
Query Completed
Type here to search
103°F Sunny
ENG
4:07 PM
9/14/2021

URL to GitHub Repository:

https://github.com/JDu8Du8/CSN-BE-Week8-CHW