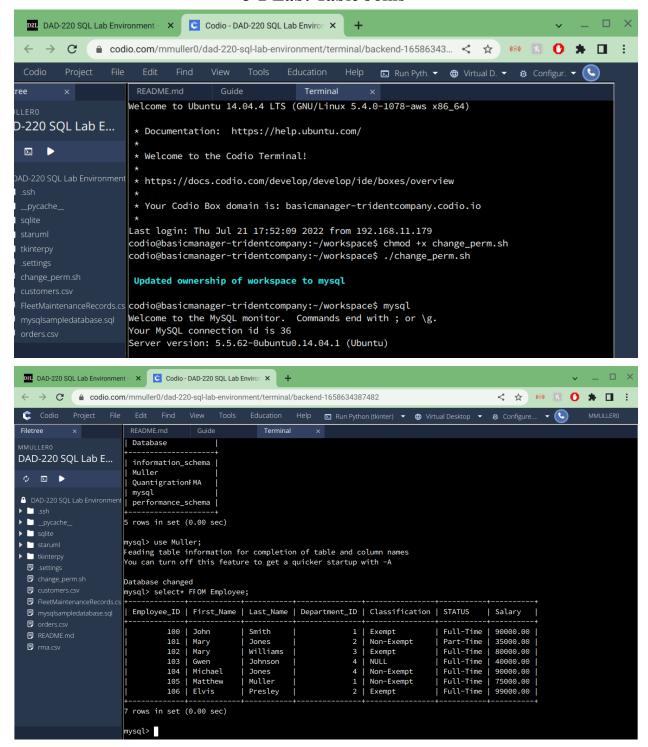
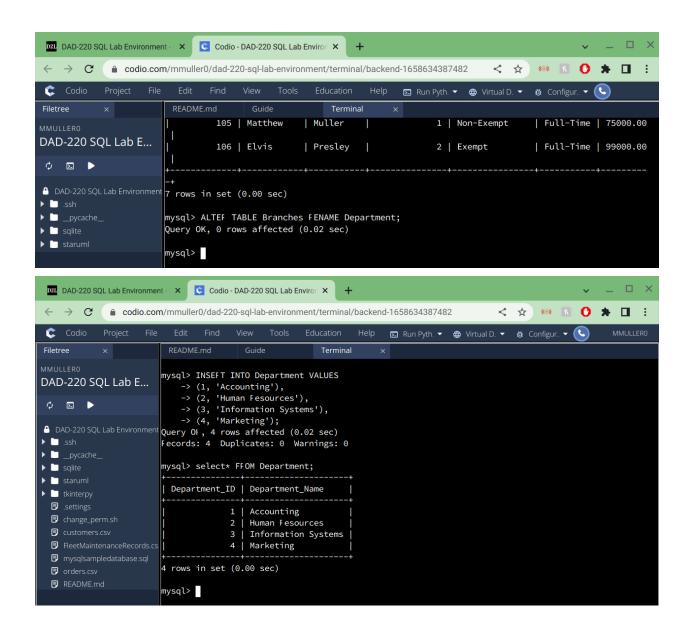
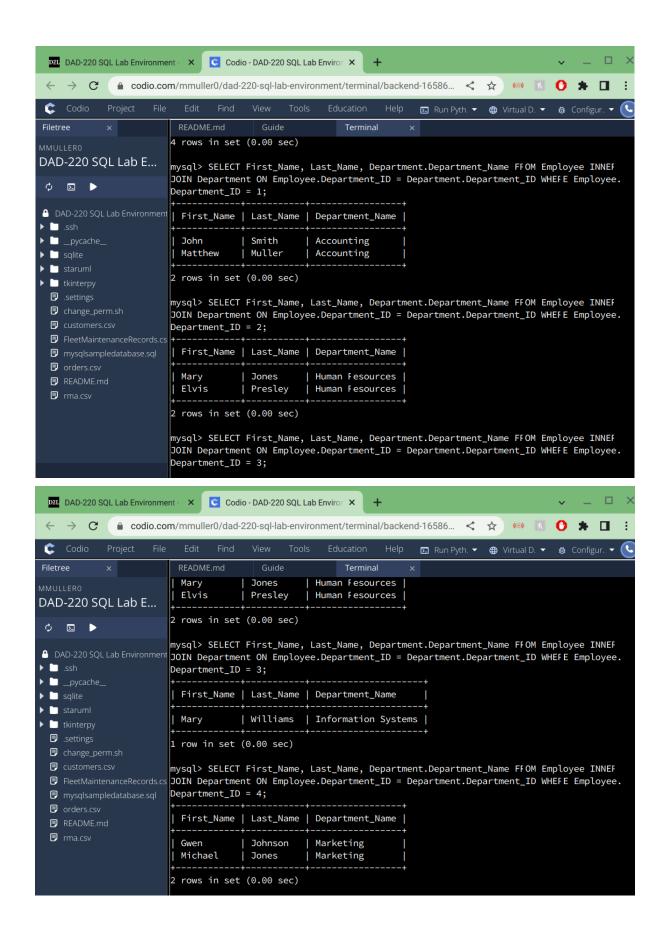
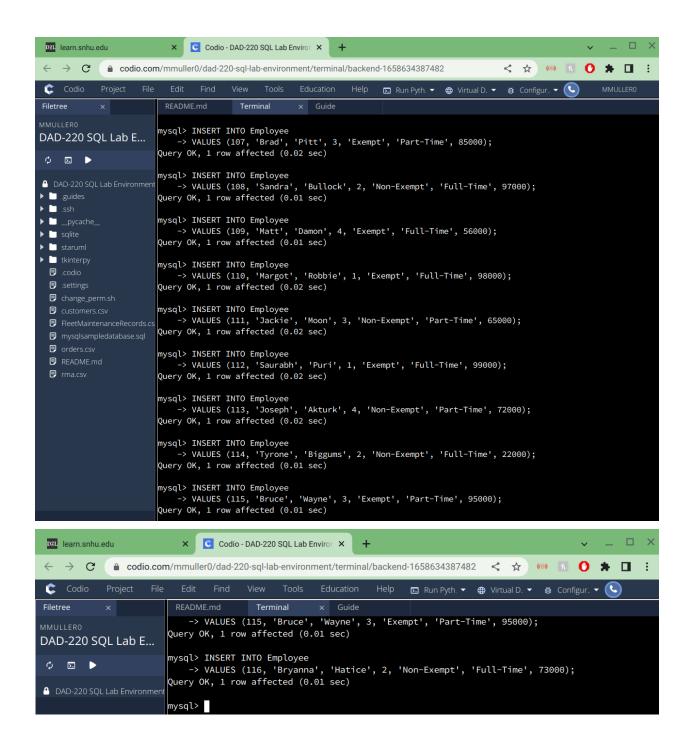
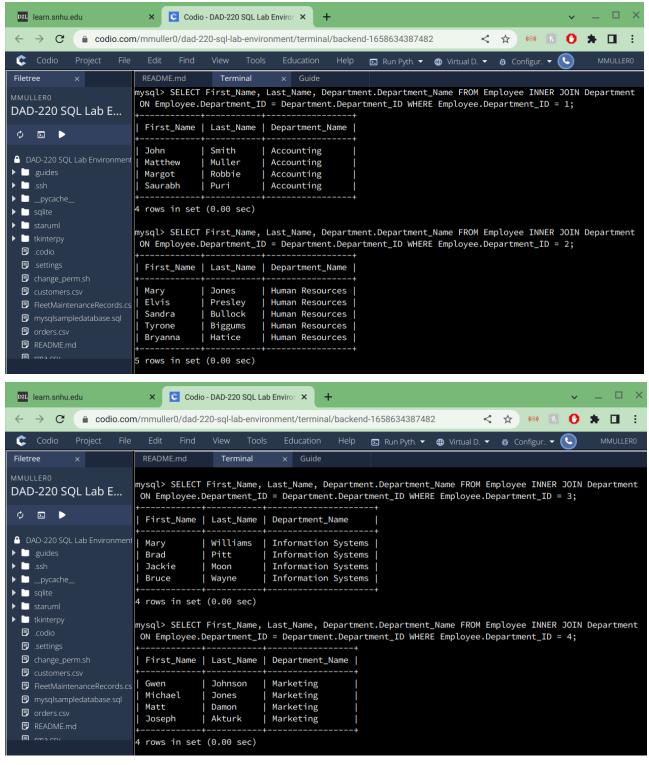
3-2 Lab: Table Joins



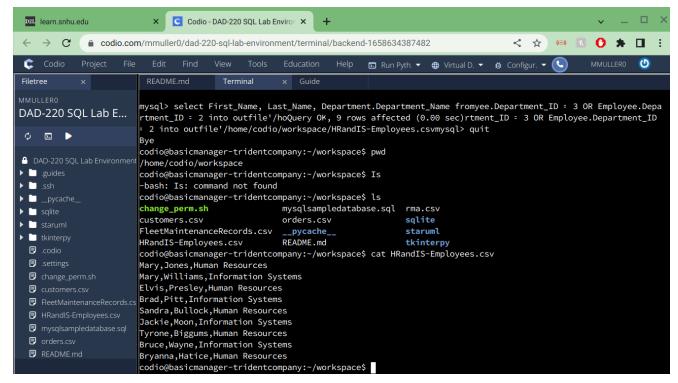








The Accounting, Information Systems, and Marketing Departments all have 4 employees while the Human Resources Department has 5 employees.



Reflection

Process

1. **Explain** how **the joins** you used in this assignment worked.

In this project I utilized inner joins. Inner joins work by selecting the records that have matching values in both tables. In this assignment, the records were chosen based on matching Department ID values.

2. **Describe** why the **commands** you used were able to retrieve the Department table when you selected the Department name.

They were connected and compared using the ON clause for the Department_ID column that the two tables share. This clause specifies the join columns.

- File creation and extraction
 - 1. **Identify** how many **records** are in the file when you write the records of your query to a CSV file.
- 9 Employee records were written to the CSV file. 5 from the Human Resources Department and 4 from the Information Systems Department.
 - 2. Explain, in detail, the process of extracting data to a flat file.

The process of extracting data to a flat file begins with a SELECT statement that requests the information desired for the file. In this assignment, this statement included the join of matching rows from the Employee and Department tables. By using INTO OUTFILE, I was able to specify the location and type of file that the data was extracted to.