SQL: Lab 4

1. In Postgres, create a report that displays the total salary for female and male sales representatives and the total number of female and male sales representatives. The **jupiter.salesstaff** table contains information about all the Jupiter Star sales representatives, including **Salary** and **Gender**.

The query should do the following:

- Create the first row of the report. Use the constant text **"Total Paid to All Female Sales Representatives", SUM(Salary), and the total number of rows (as Total) using the COUNT(*) function.** Summarize data in the jupiter.salesstaff table for those rows that have **Gender = 'F'** and **Job_Title containing 'Rep'**.
- Use the appropriate SET operator.
- Create the second row of the report. Use the constant text **"Total Paid to All Male Sales Representatives", SUM(Salary), and the total number of rows (as Total) using the COUNT(*) function.** Summarize data in the jupiter.salesstaff table for those rows that have **Gender = 'M'** and **Job_Title containing 'Rep'**.

What is the **value of *Total*** for the Male Sales Representatives?

2. In Postgres, create a report that displays the Employee_ID of employees who have phone numbers, but do not appear to have address information. The **jupiter.employee_phones** table contains **Employee_ID** and **Phone_Number**. If an employee's address is on file, the **jupiter.employee_addresses** table contains the **Employee_ID** value and address information.

The query should:

- Use the column **Employee_ID** from **jupiter.employee_phones**
- Use the appropriate SET operator
- Use the column **Employee_ ID** from **jupiter.employee_addresses**.
- Order the report by **ascending Employee_ID**

What is the value of ***Employee_ID*** in the ***second*** observation on the report?

3. In SQLite, **list the movies** that are **not** owned by anyone. Order the report by ascending movie_id.

- Note that in the table **people_movies**, the column ID refers to the ID of the table, and movie_id refers to the ID of the movie.

What is the value of *ID* in the *1st* observation on the report?

4. In SQLite, **how many movies** in the list are **not** owned by anyone?