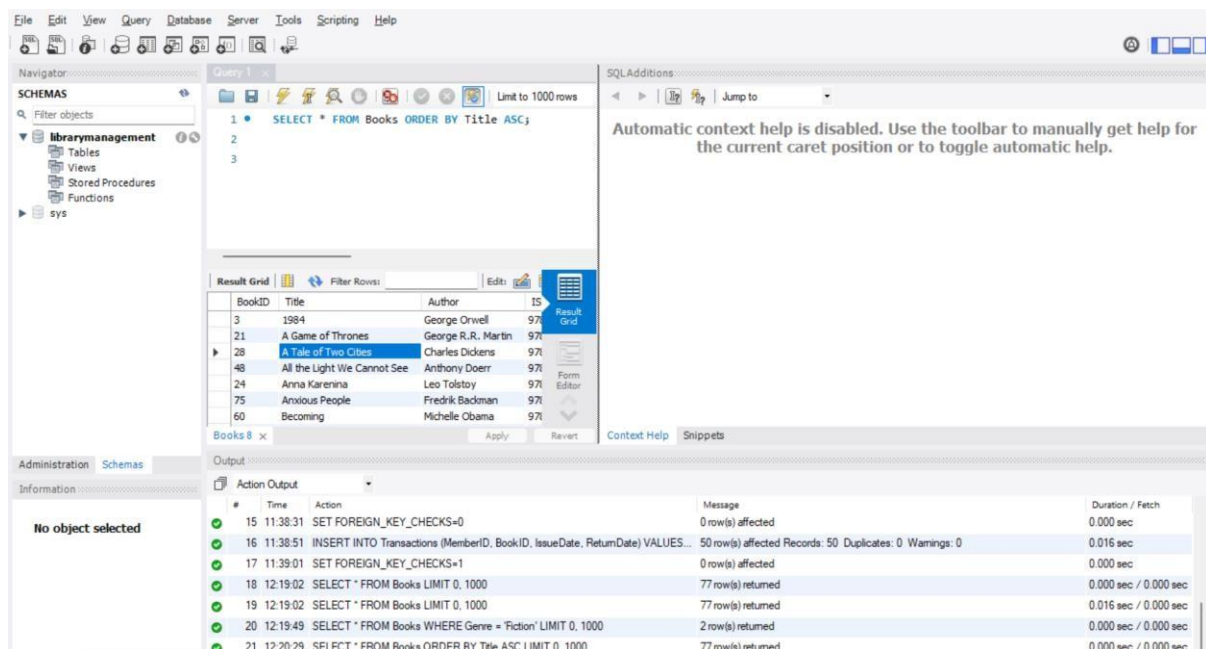Cesar U. Guiritan

BSCPE 2B2

Laboratory Activity 3:

Result:
Basic queries to retrieve and filter data from the Books table.

Additional Questions/Discussions:

- **How do WHERE and ORDER BY improve the functionality of SQL queries?**

    - The `WHERE` clause filters data based on specific conditions, allowing you to retrieve only relevant records, which enhances query efficiency. The `ORDER BY` clause sorts the result set in ascending or descending order, improving data organization and readability. Together, they help optimize SQL queries by enabling precise filtering, customized sorting, and ensuring that results are both relevant and easy to interpret, especially with large datasets.

Conclusions:

In conclusion, the WHERE and ORDER BY clauses are essential for optimizing SQL queries. The WHERE clause allows for precise data filtering, while the ORDER BY clause organizes the results in a meaningful way. Together, they enhance query

performance, ensure relevant data is retrieved, and improve the readability of the output, making data analysis more efficient and effective.