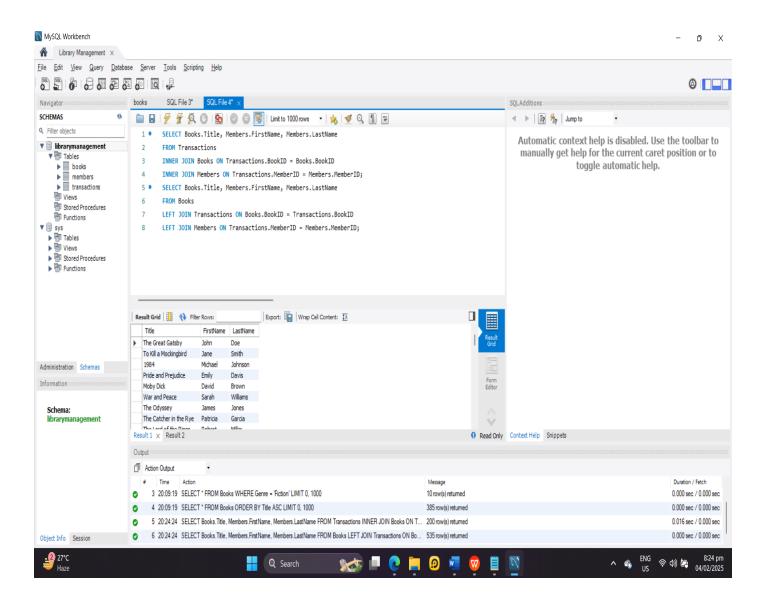
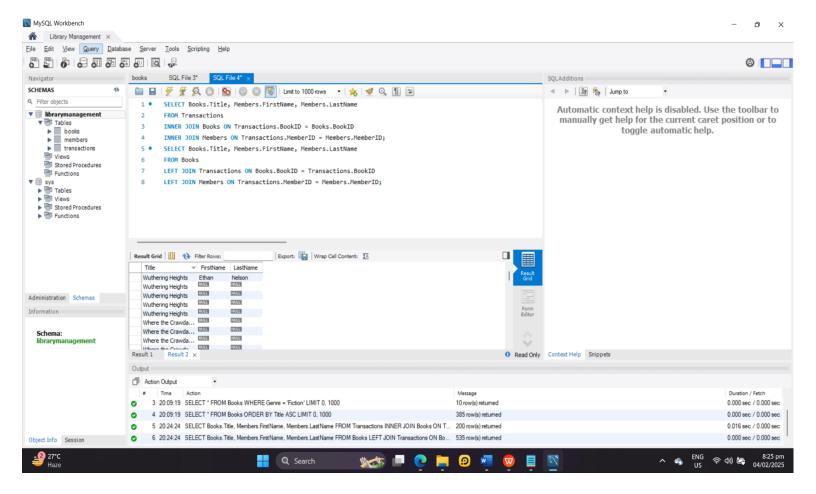
## Laboratory 4

## **Result:**

JOIN operations linking tables to retrieve combined data.





## **Additional Questions/Discussions:**

• How does the LEFT JOIN differ from the INNER JOIN?

## **INNER JOIN:**

Purpose: Returns only the rows where there is a match on both tables.

Result: If a row in either of the tables doesn't have a corresponding match in the other table, that row will not appear in the result set.

Common Use: Use it when you only want to return rows with related data in both tables.

**LEFT JOIN**: Returns all rows from the left table, and matching rows from the right table. If there's no match, it returns NULL for columns from the right table. In short, INNER JOIN excludes unmatched rows, while LEFT JOIN includes all rows from the left table, even if there's no match on the right.