

**CIS 11051 – PRACTICAL FOR DATABASE DESIGN**

Information and communication Technology

Faculty of Technology

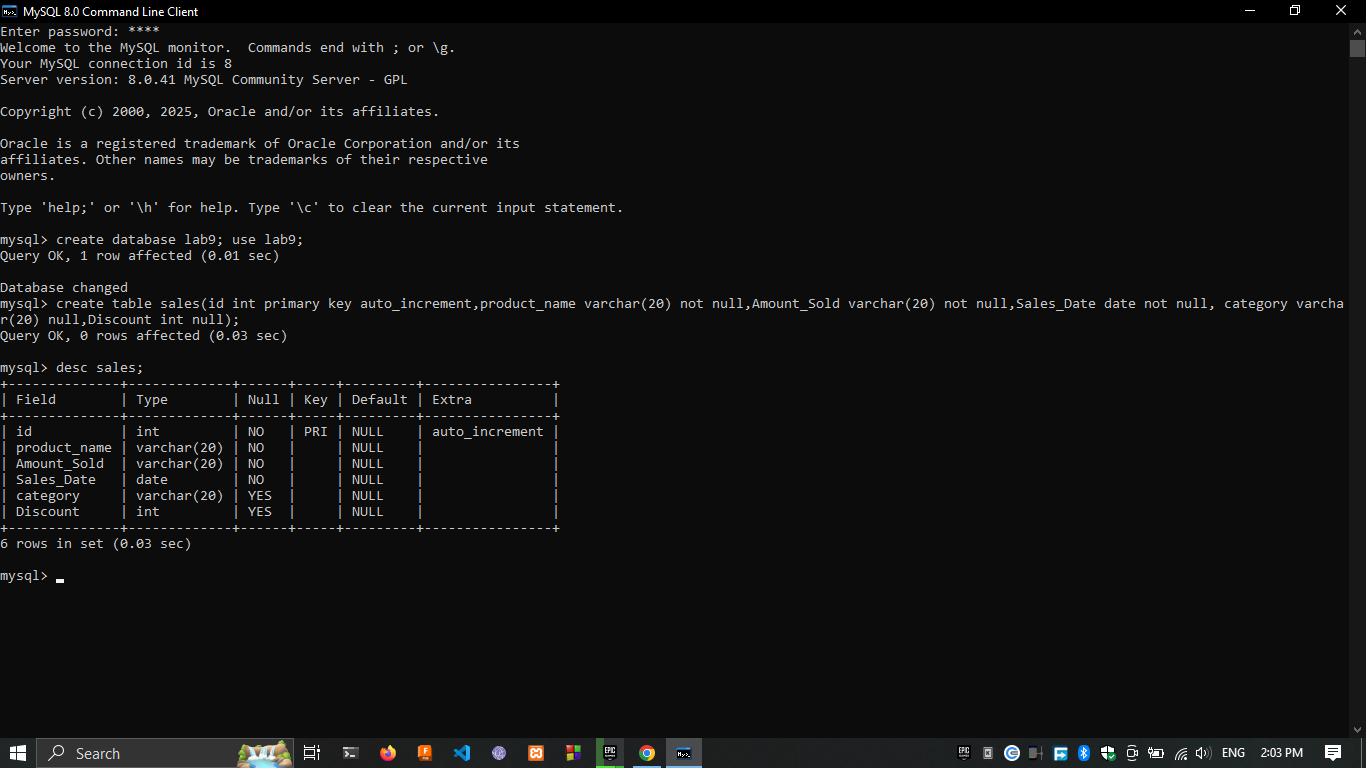
South Eastern University of Sri Lanka

Registration Number: SEU/IS/22/ICT/075

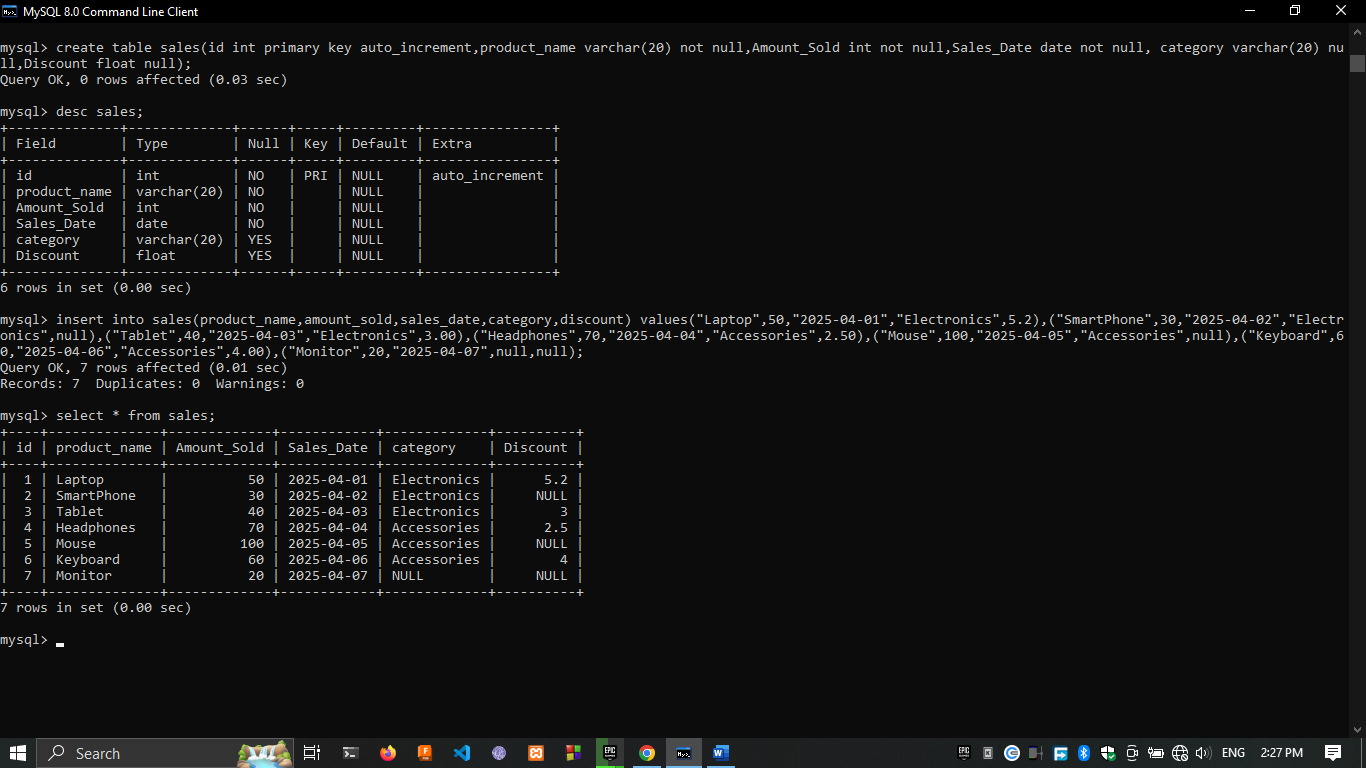
Academic year: 22/23

Lab Sheet 09

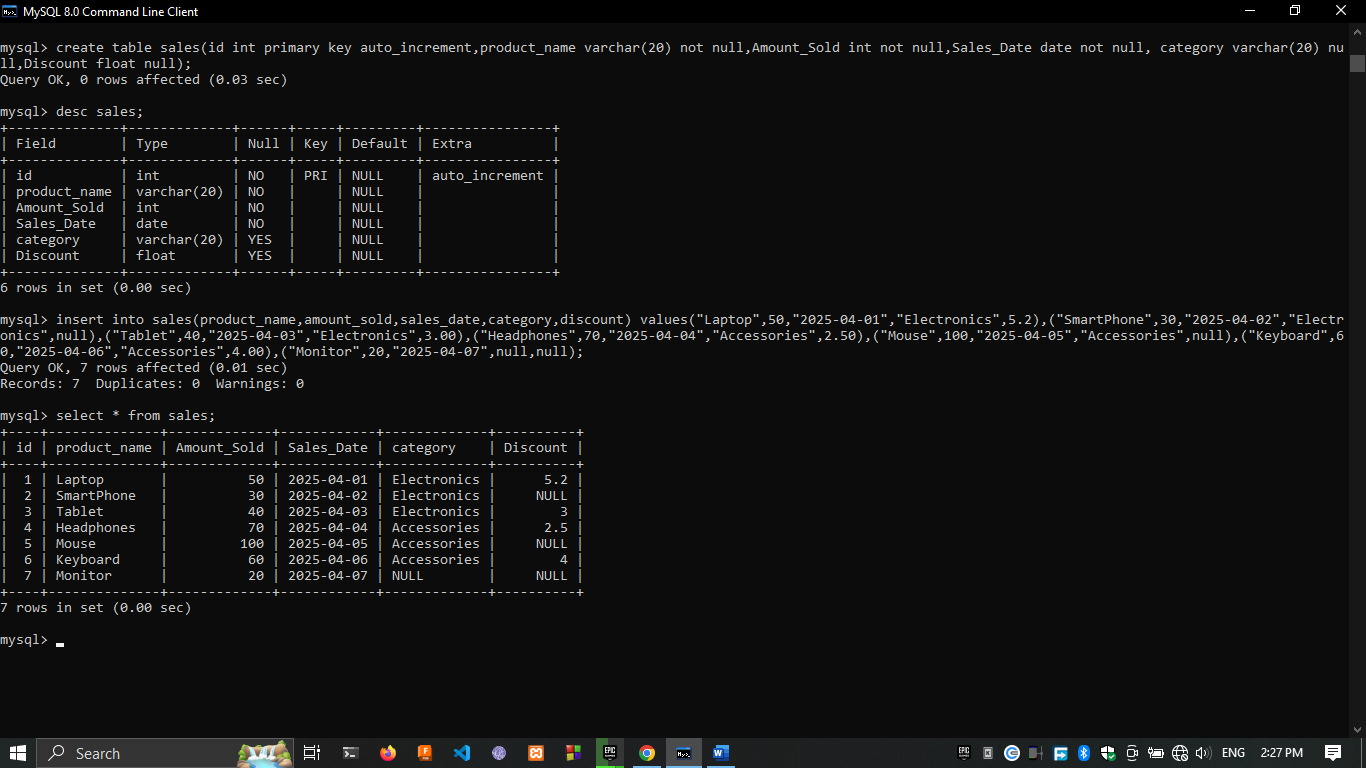
1. Create database



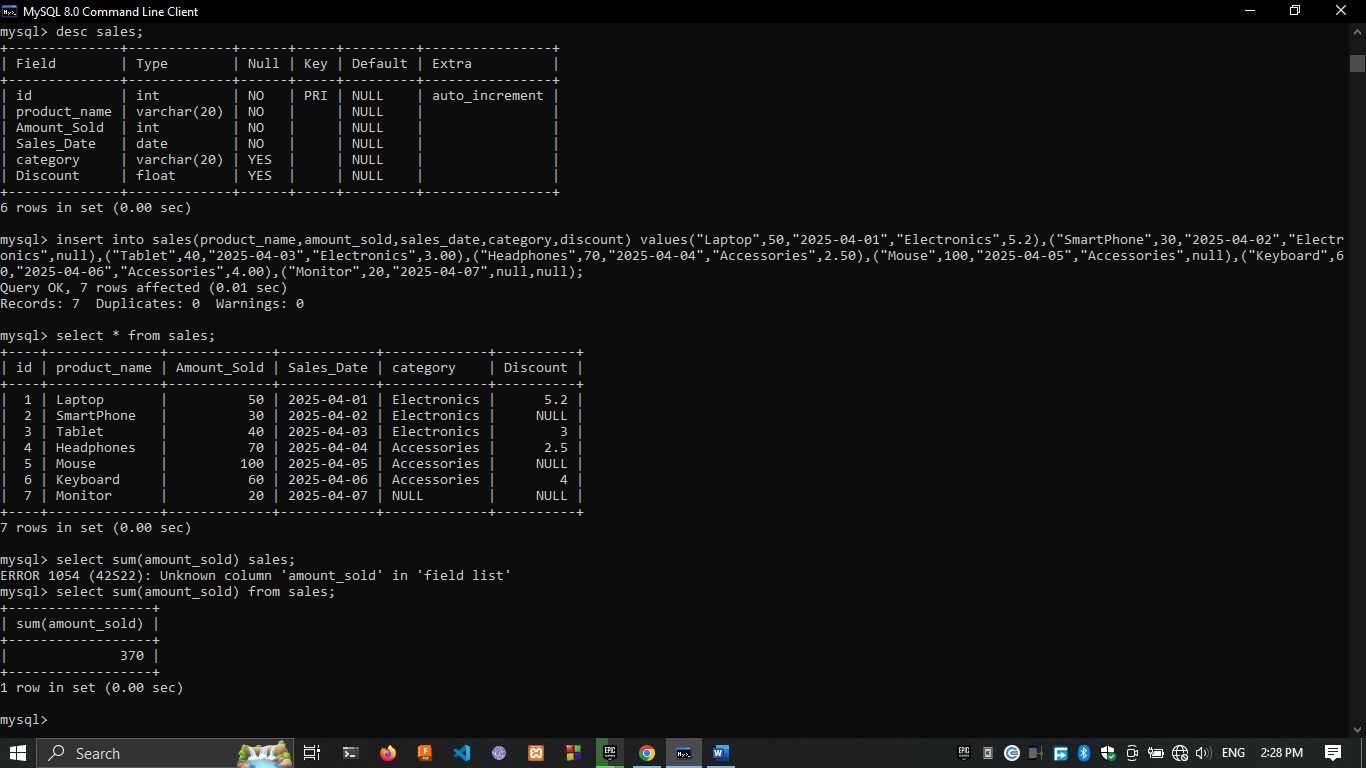
Create table



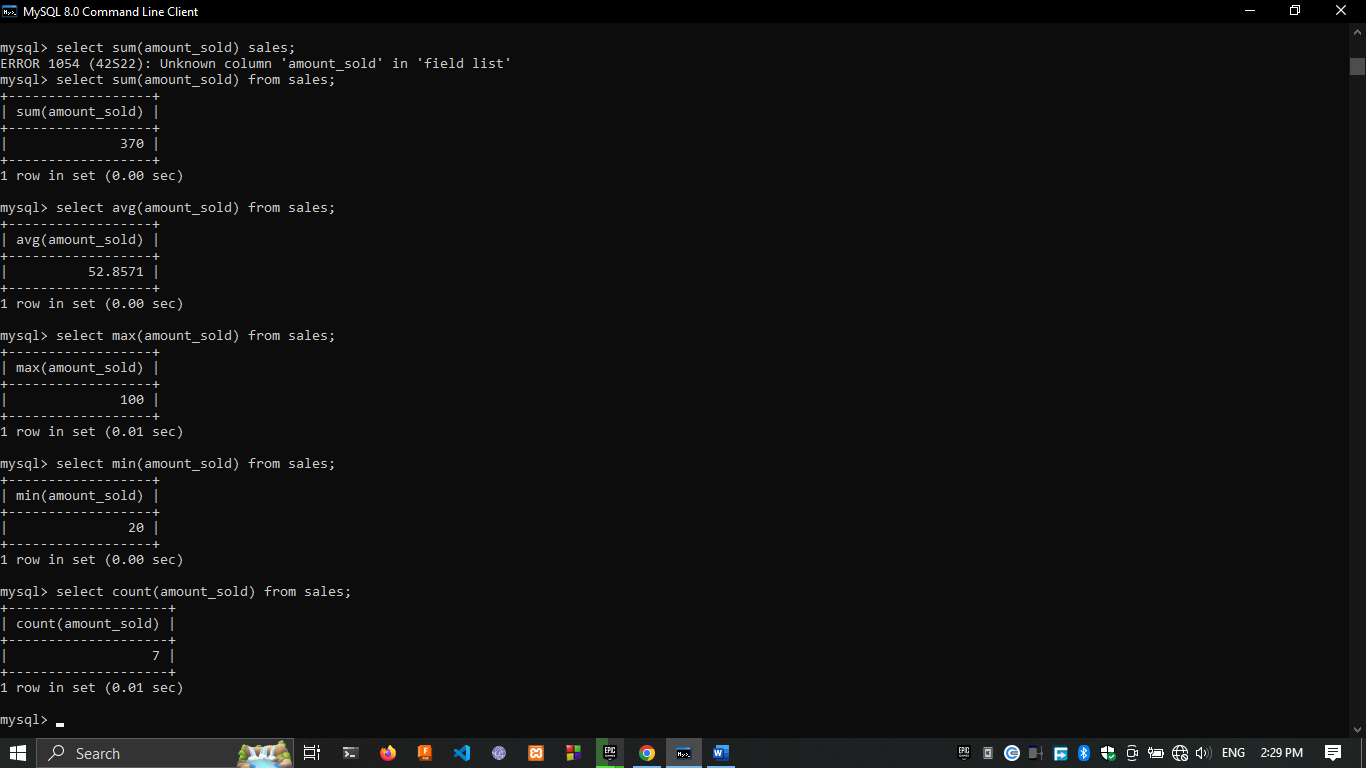
1. Inserting data



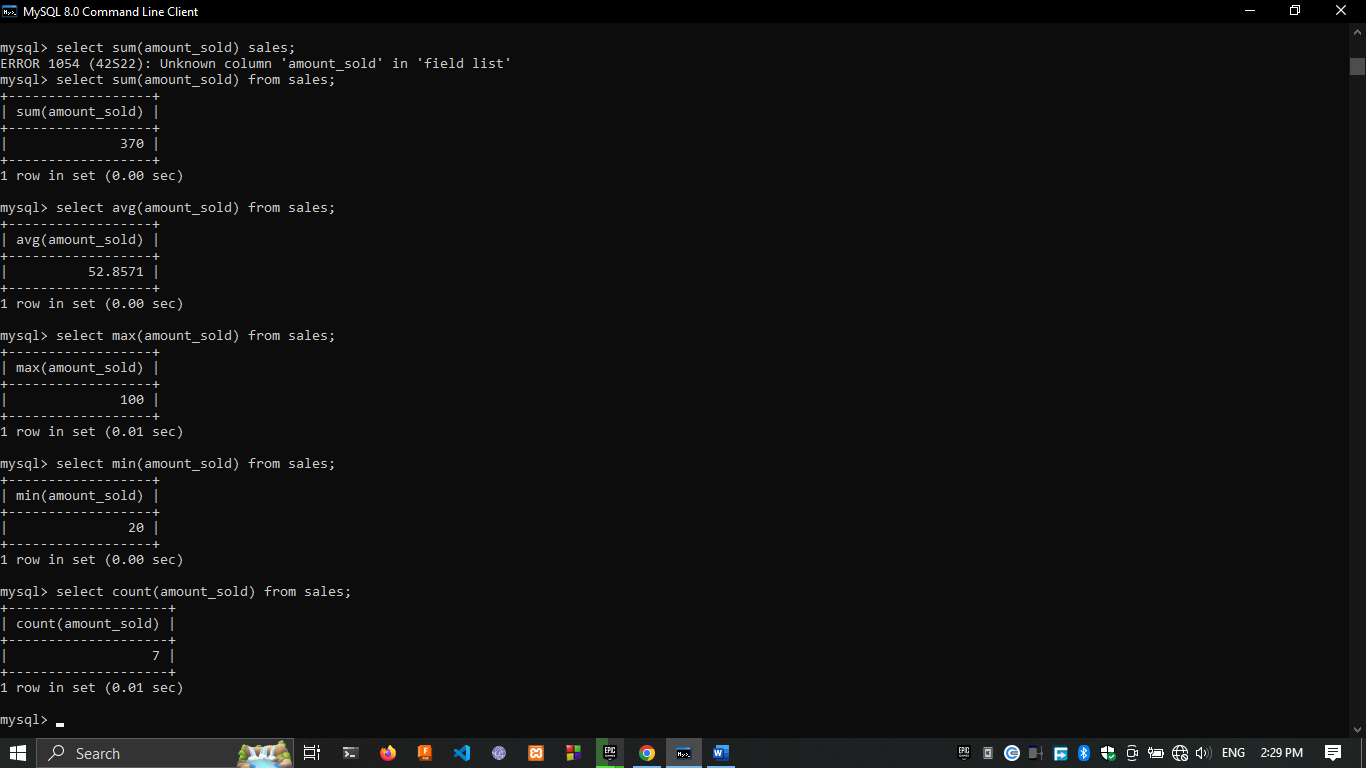
1. Sum of amount\_sold



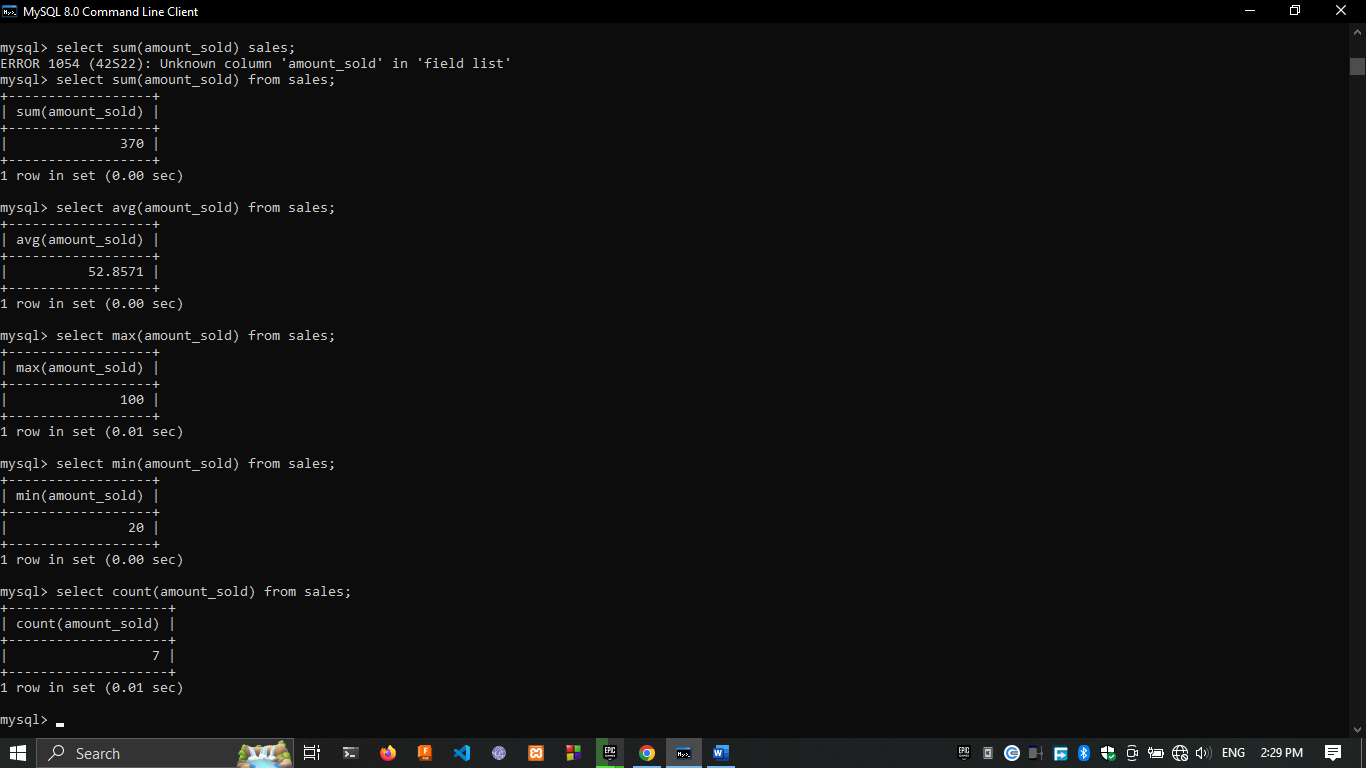
1. Average amount\_sold



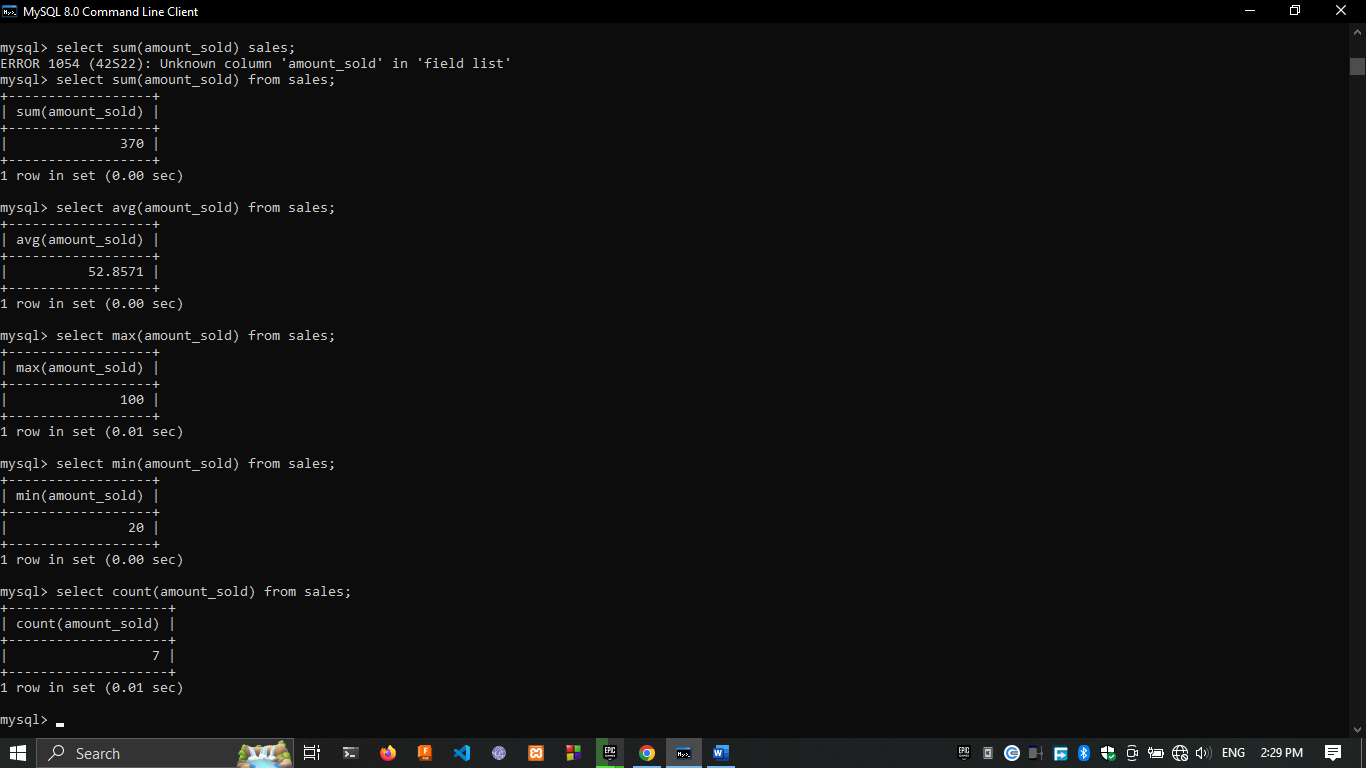
1. Maximum amount\_sold



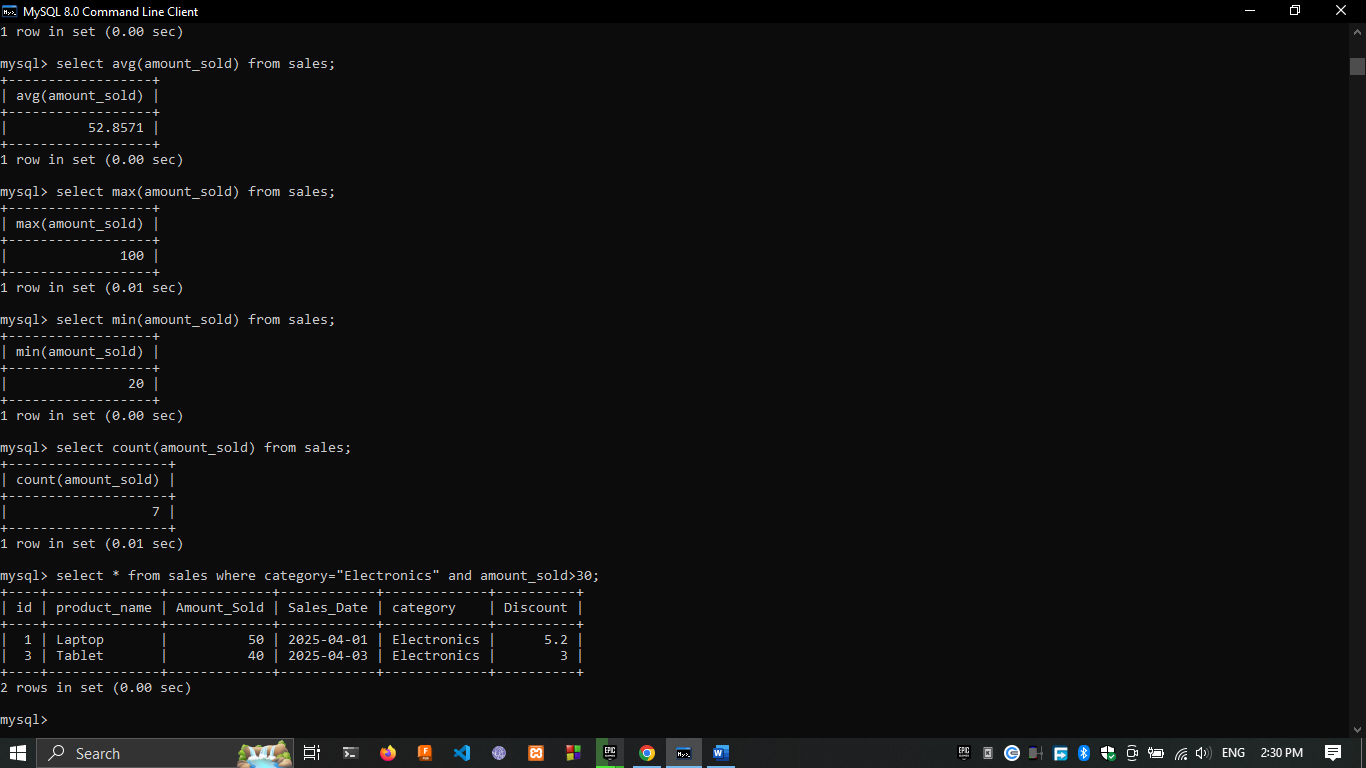
1. Minimum amound\_sold



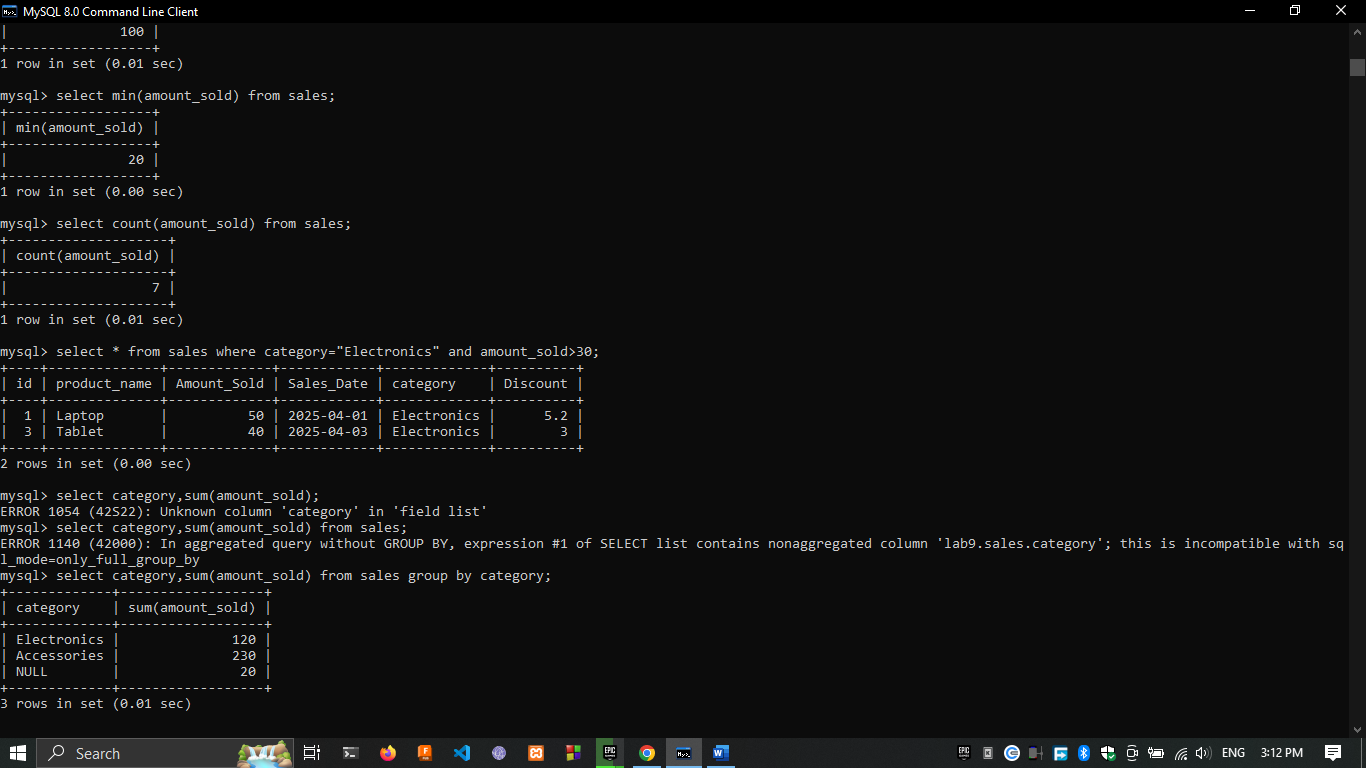
1. Total product sold



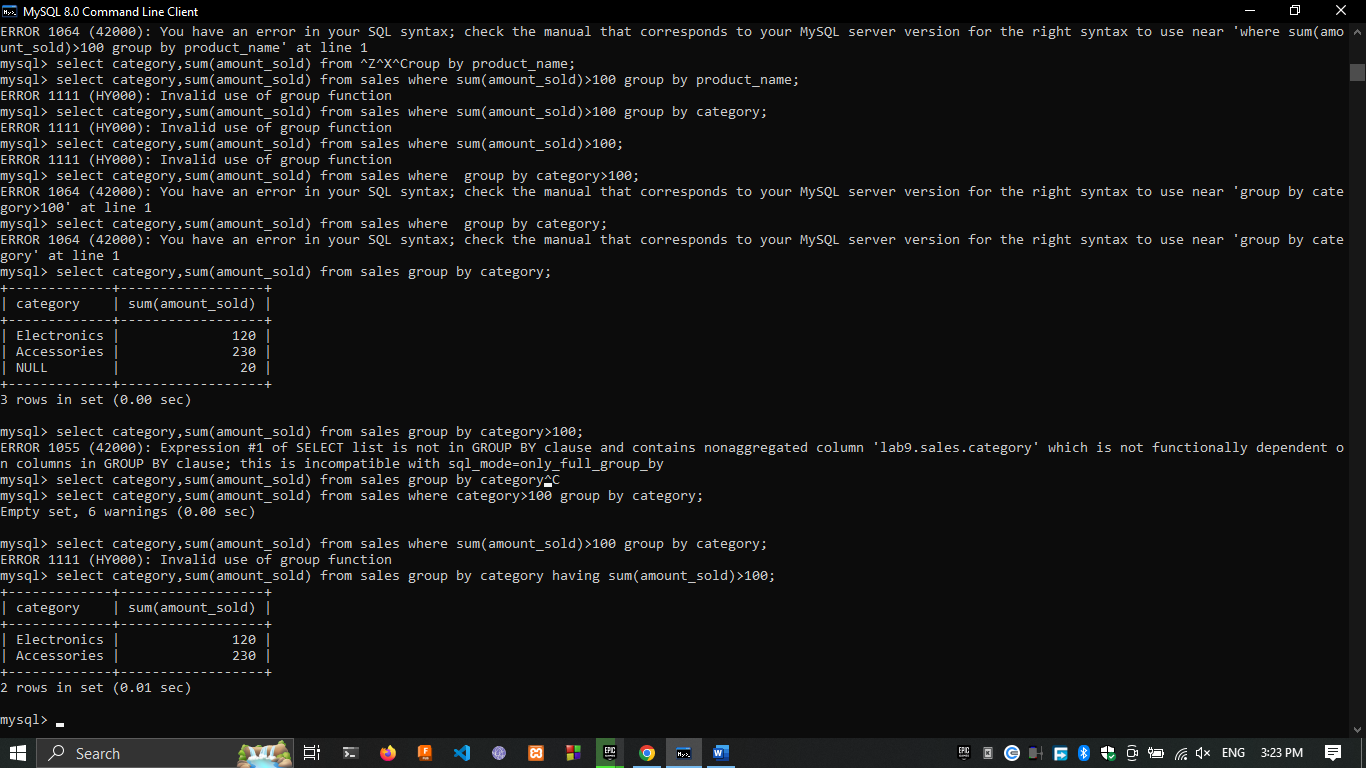
1. "Electronics" category that have sold more than 30 units.



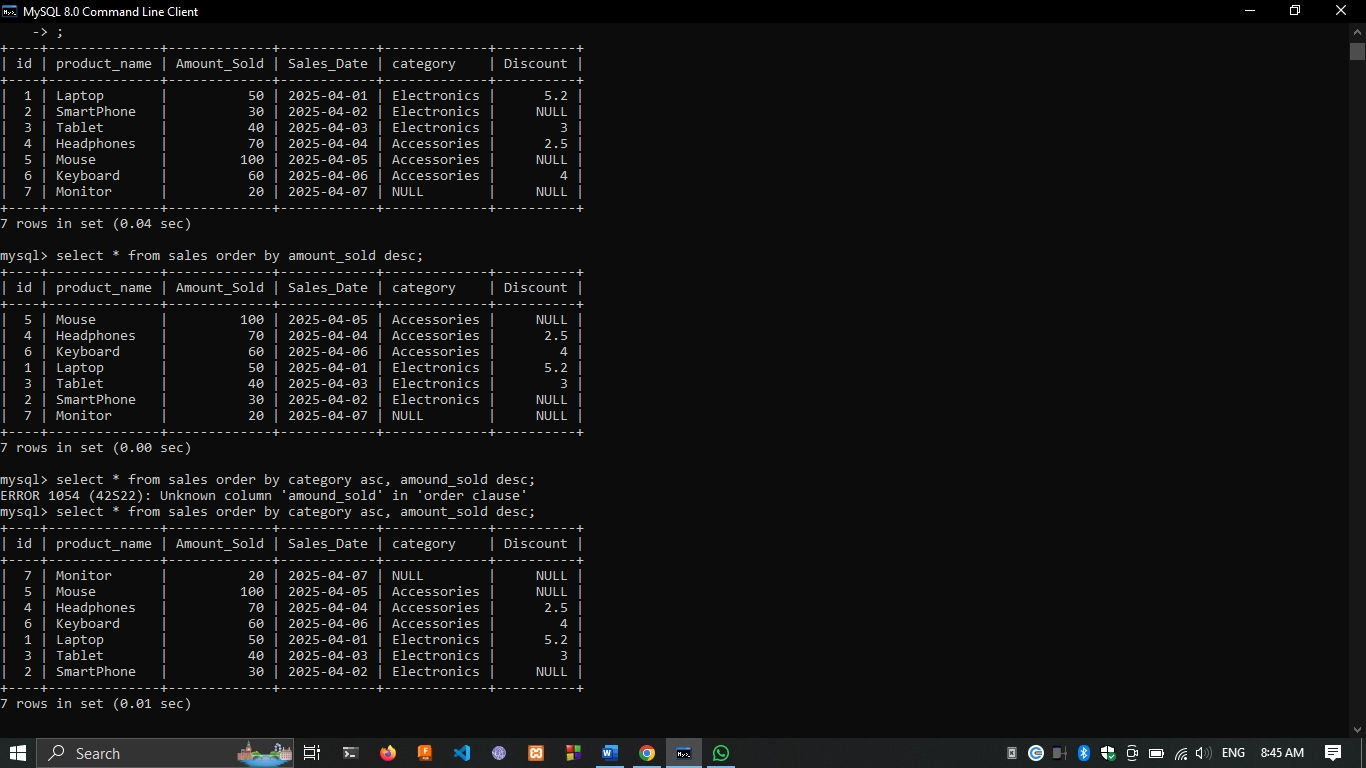
1. sales data by category and calculate the total sales for each category



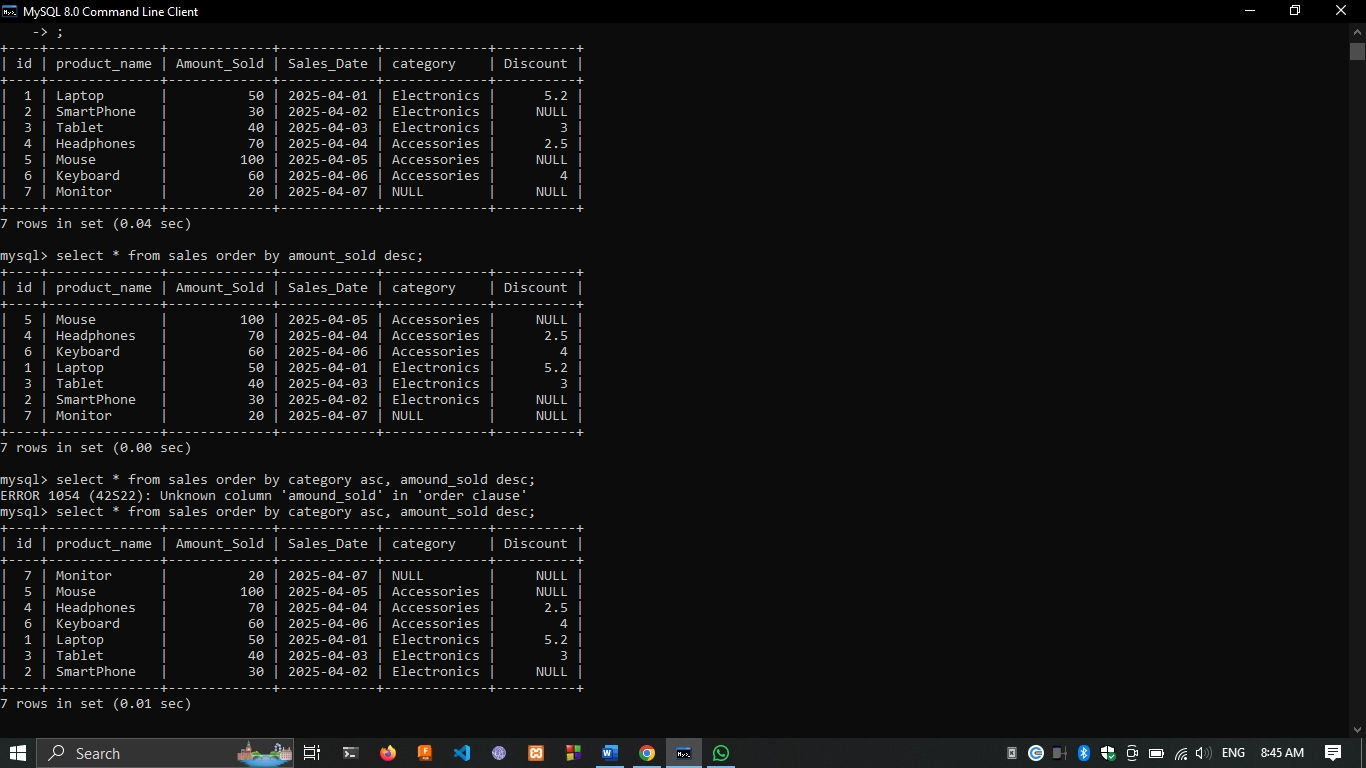
1. categories that have sold more than 100 units in total.



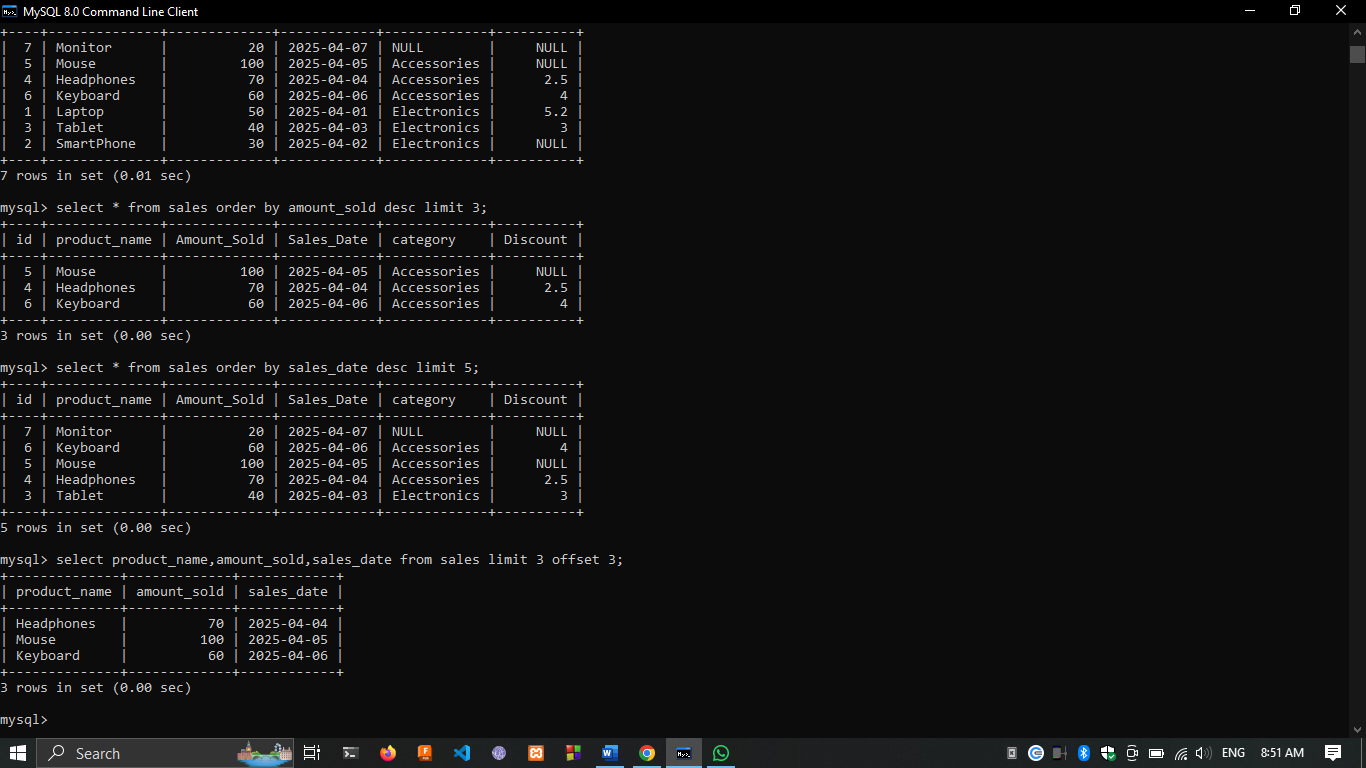
1. products sorted by amount\_sold in descending order



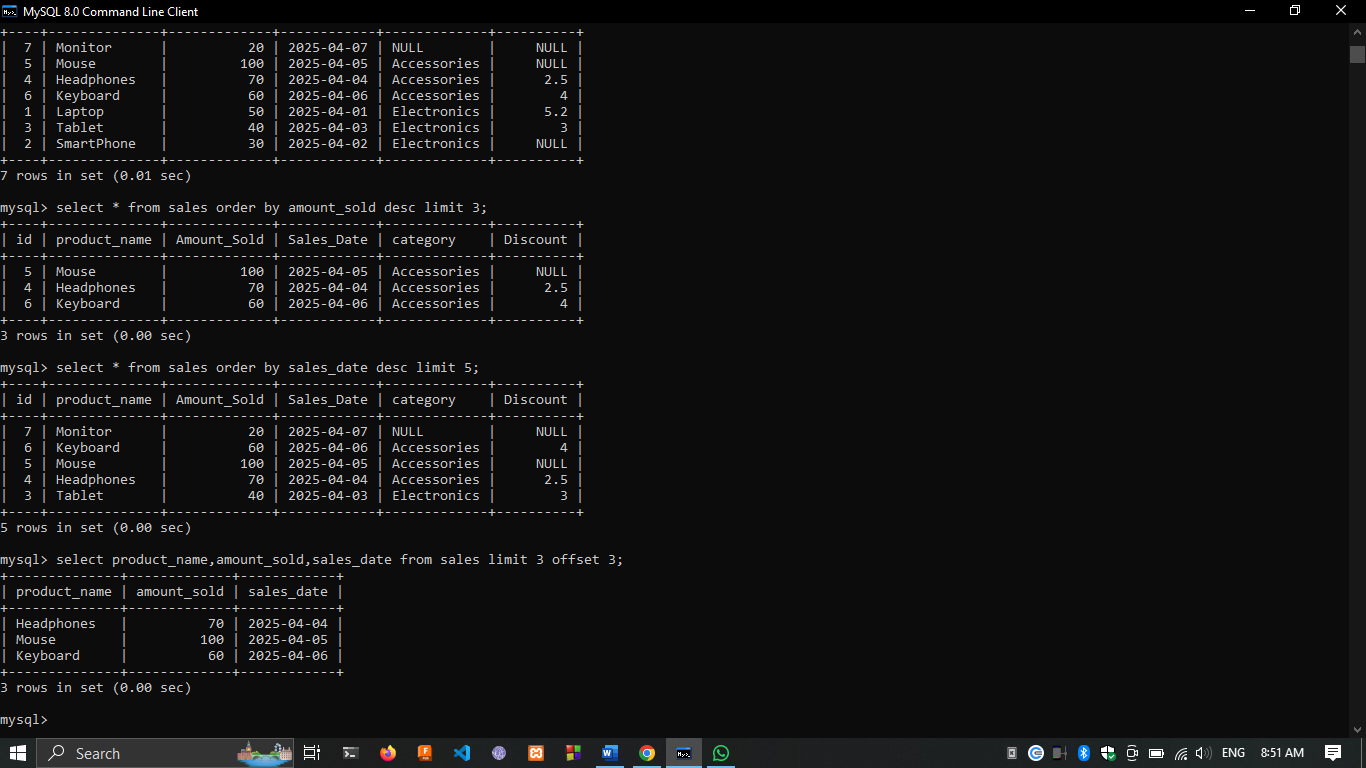
1. Show the products sorted first by category in ascending order and then by amount\_sold in descending order.



1. Get the first 3 products with the highest sales.



1. Retrieve the last 5 rows from the sales table based on sales\_date.



1. Write an SQL query to retrieve 3 records from the sales table, starting from the 4th record (i.e., skipping the first 3). Display the product\_name, amount\_sold, and sales\_date columns.

