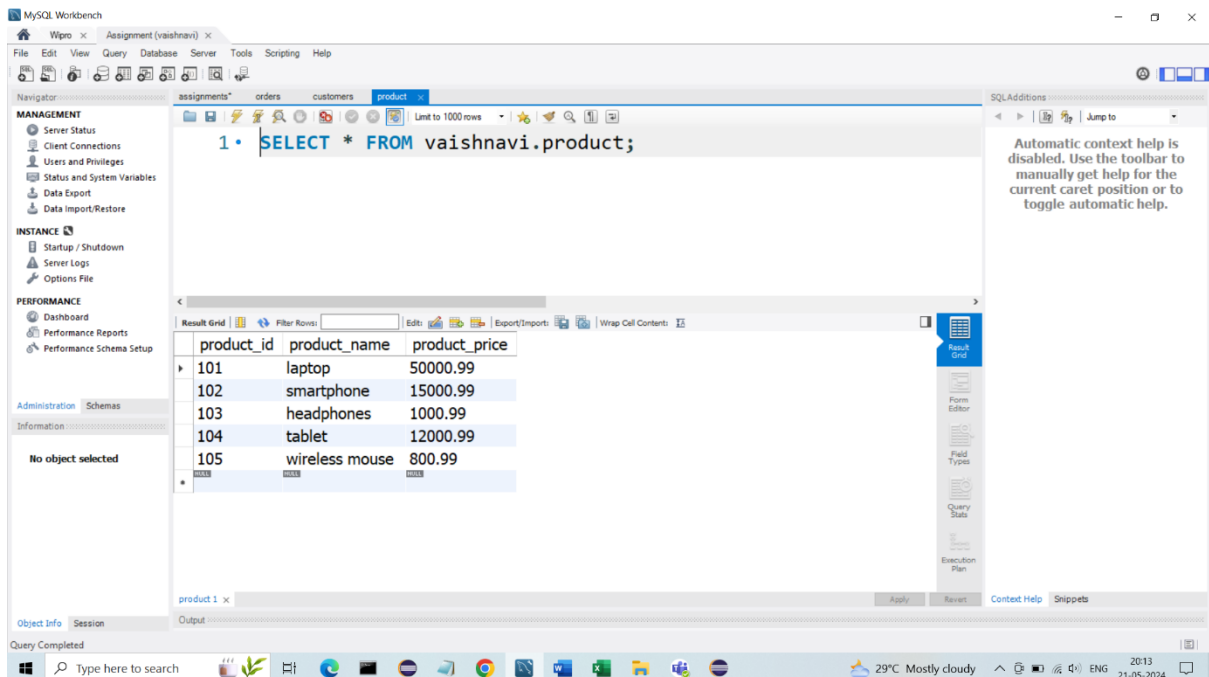


Assignment 04:

Compose SQL statements to BEGIN a transaction, INSERT a new record into the 'orders' table, COMMIT the transaction, then UPDATE the 'products' table, and ROLLBACK the transaction.

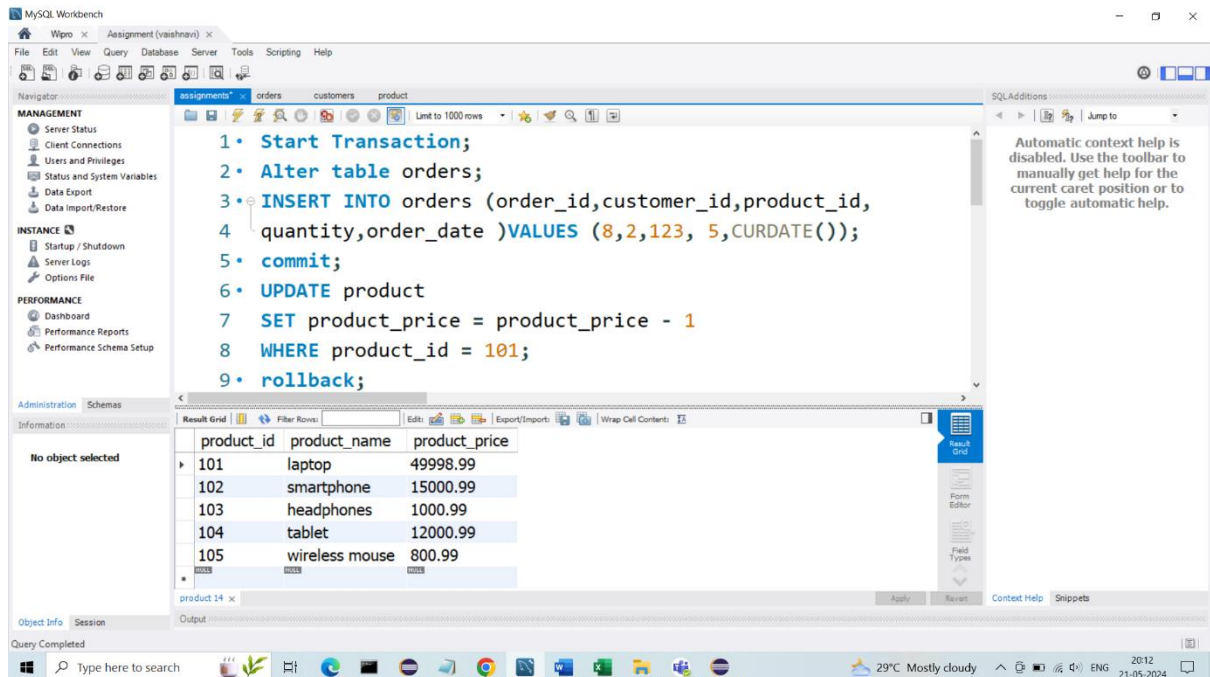


The screenshot shows the MySQL Workbench interface. The SQL editor contains the query: `1. SELECT * FROM vaishnavi.product;`. The Results tab displays the following data:

product_id	product_name	product_price
101	laptop	50000.99
102	smartphone	15000.99
103	headphones	1000.99
104	tablet	12000.99
105	wireless mouse	800.99

The interface also shows a left-hand sidebar with navigation options like MANAGEMENT, INSTANCE, and PERFORMANCE. The bottom status bar indicates the query is completed.

Query for SQL statements to BEGIN a transaction, INSERT a new record into the 'orders' table, COMMIT the transaction, then UPDATE the 'products' table, and ROLLBACK the transaction.



The screenshot shows the MySQL Workbench interface. The SQL editor contains the following query:

```
1 • Start Transaction;  
2 • Alter table orders;  
3 • INSERT INTO orders (order_id,customer_id,product_id,  
4 quantity,order_date )VALUES (8,2,123, 5,CURDATE());  
5 • commit;  
6 • UPDATE product  
7 SET product_price = product_price - 1  
8 WHERE product_id = 101;  
9 • rollback;
```

The result grid displays the following data:

product_id	product_name	product_price
101	laptop	49998.99
102	smartphone	15000.99
103	headphones	1000.99
104	tablet	12000.99
105	wireless mouse	800.99

The interface also shows the Navigator pane on the left with sections for MANAGEMENT, INSTANCE, and PERFORMANCE. The bottom status bar indicates the query is completed.