# 2– DAY – TASK (25-07-2024)

1. Create a DBMS using OLTP for Ecommerce.
2. Fetch all customers and display if there are any order names
3. Fetch all the order names placed from particular location
4. What is the max price of products from particular category
5. Display any product with the product name as like mobile, speaker
6. Create a function that calculate 10% GST from original price
7. Create store procedure that increases all the product prices by 100 ensure atomicity.
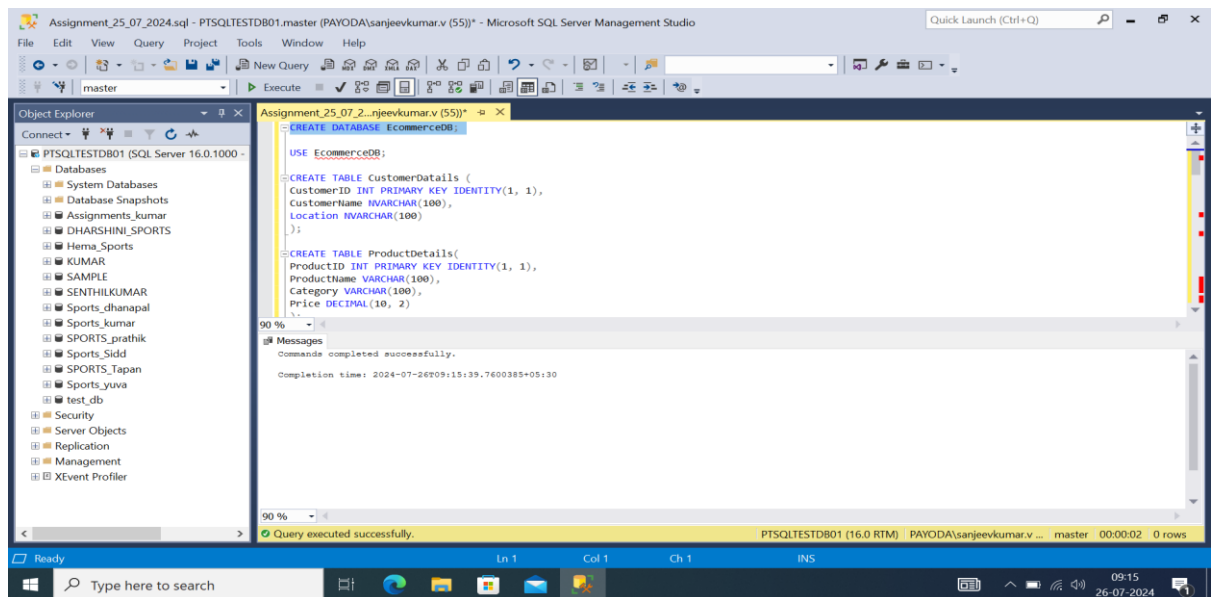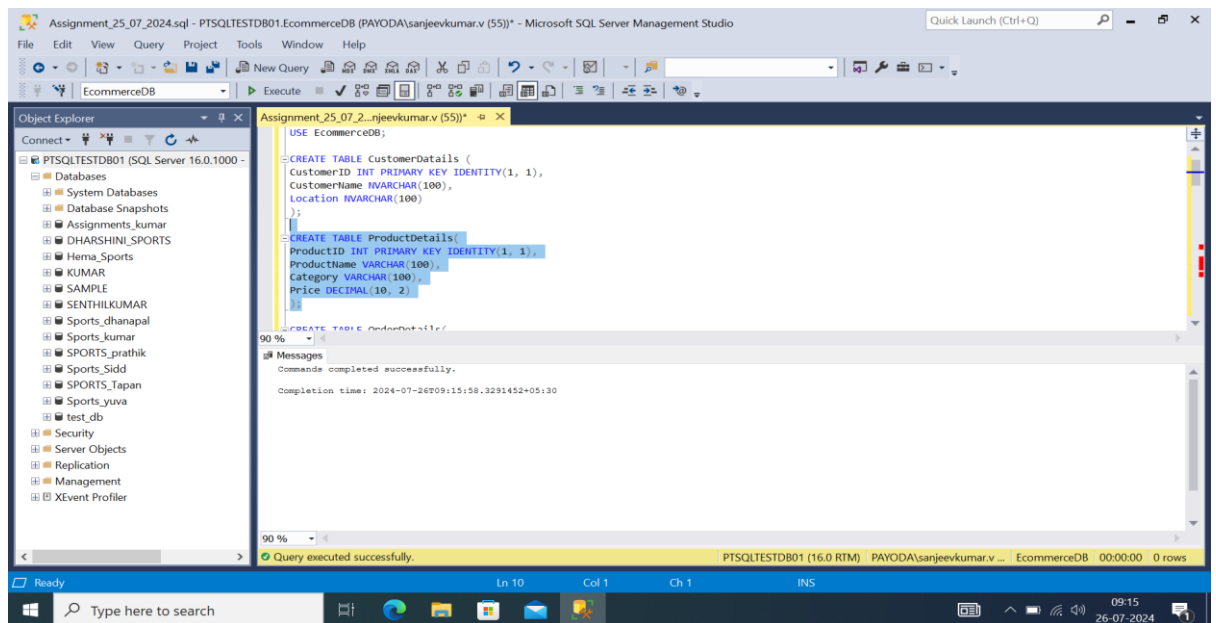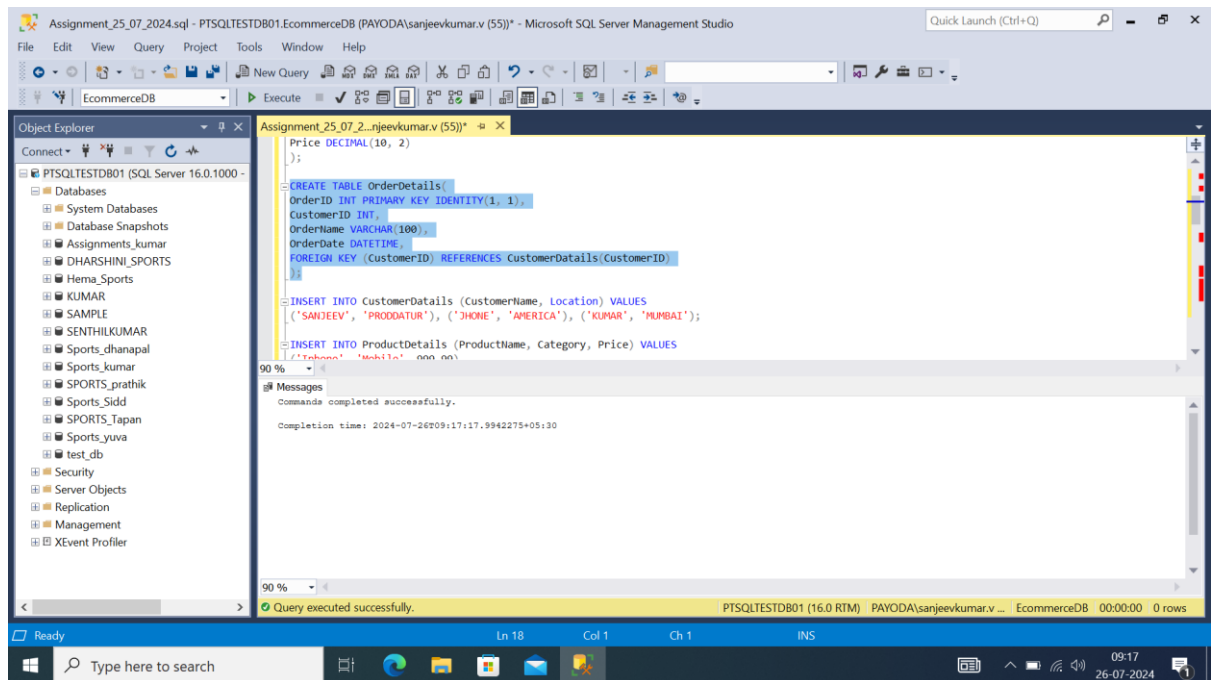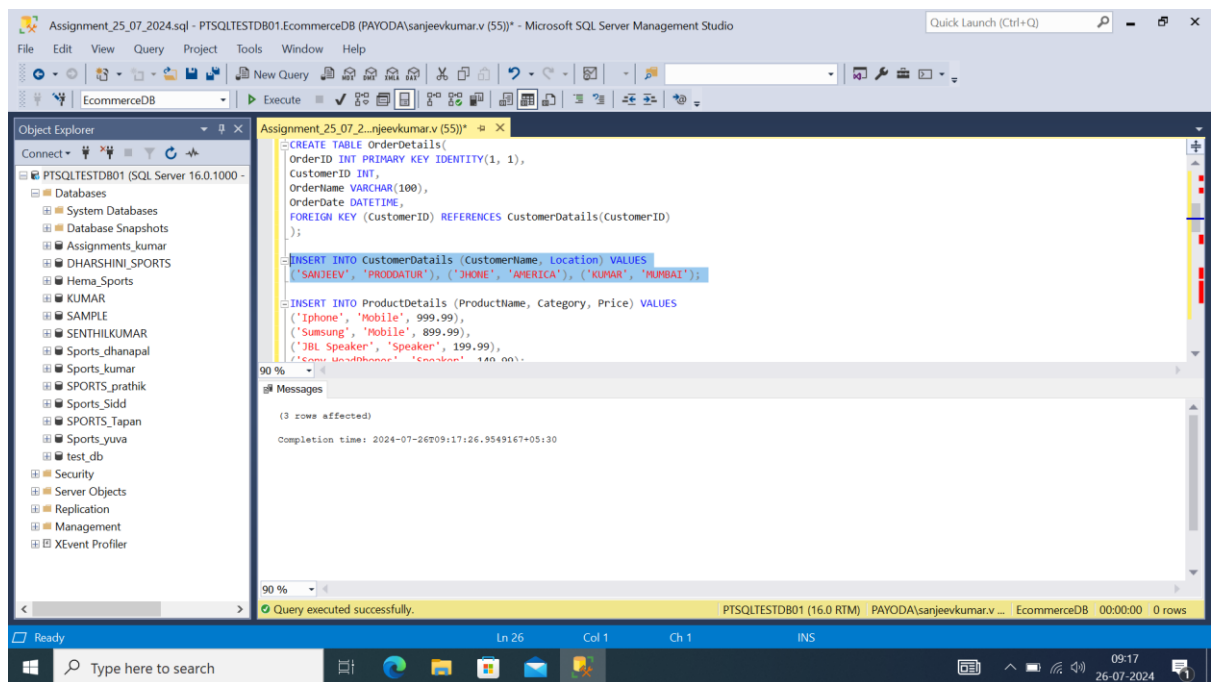

-> create database
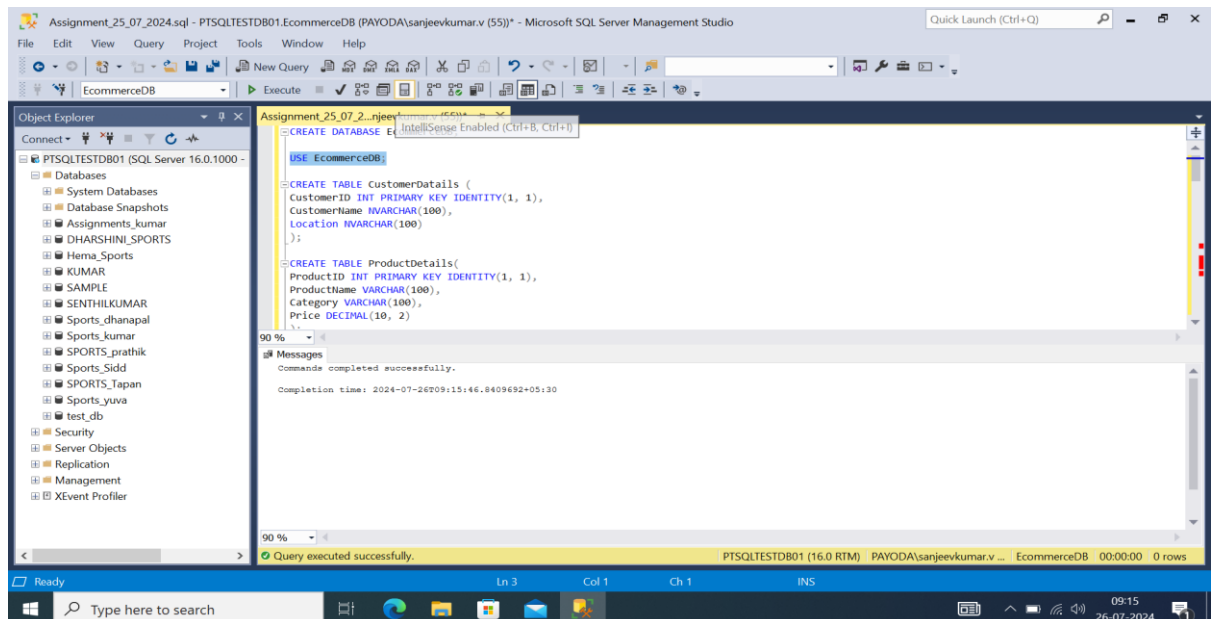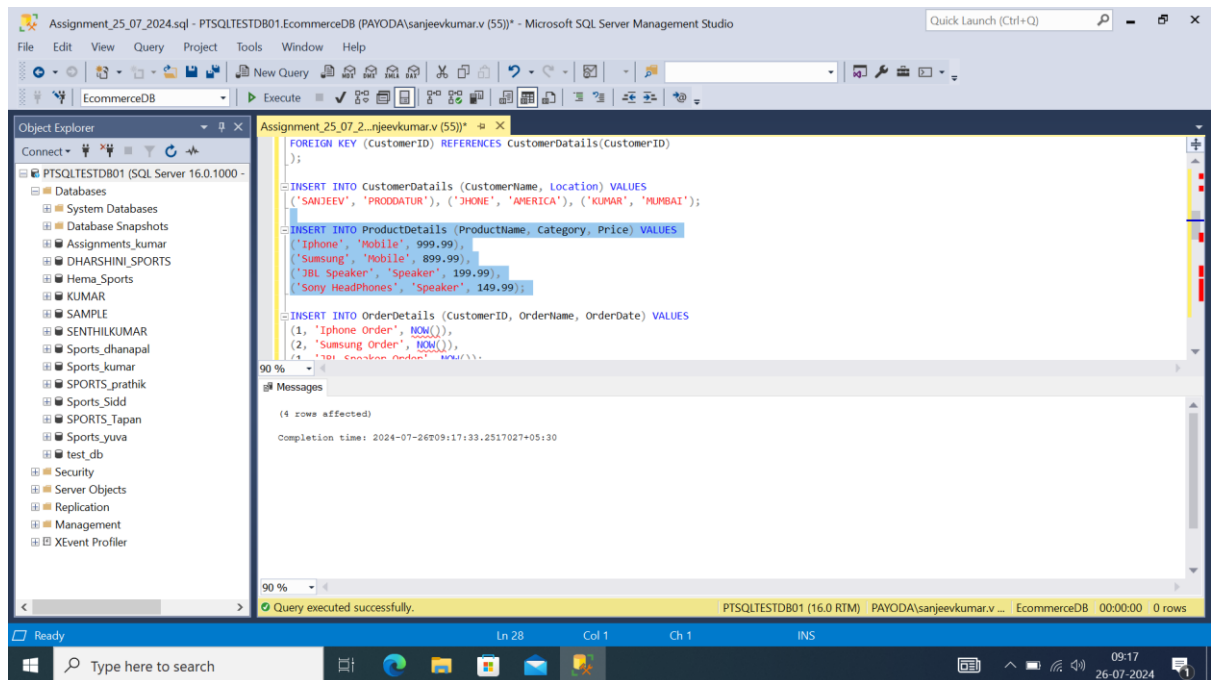

-> use database
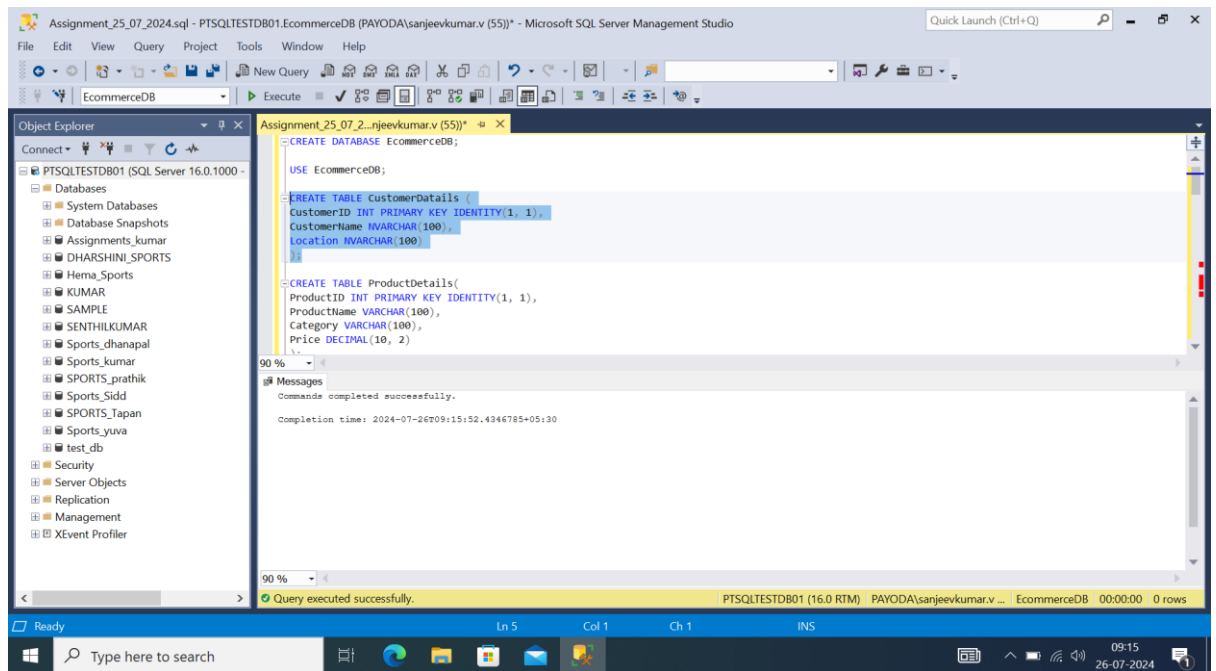
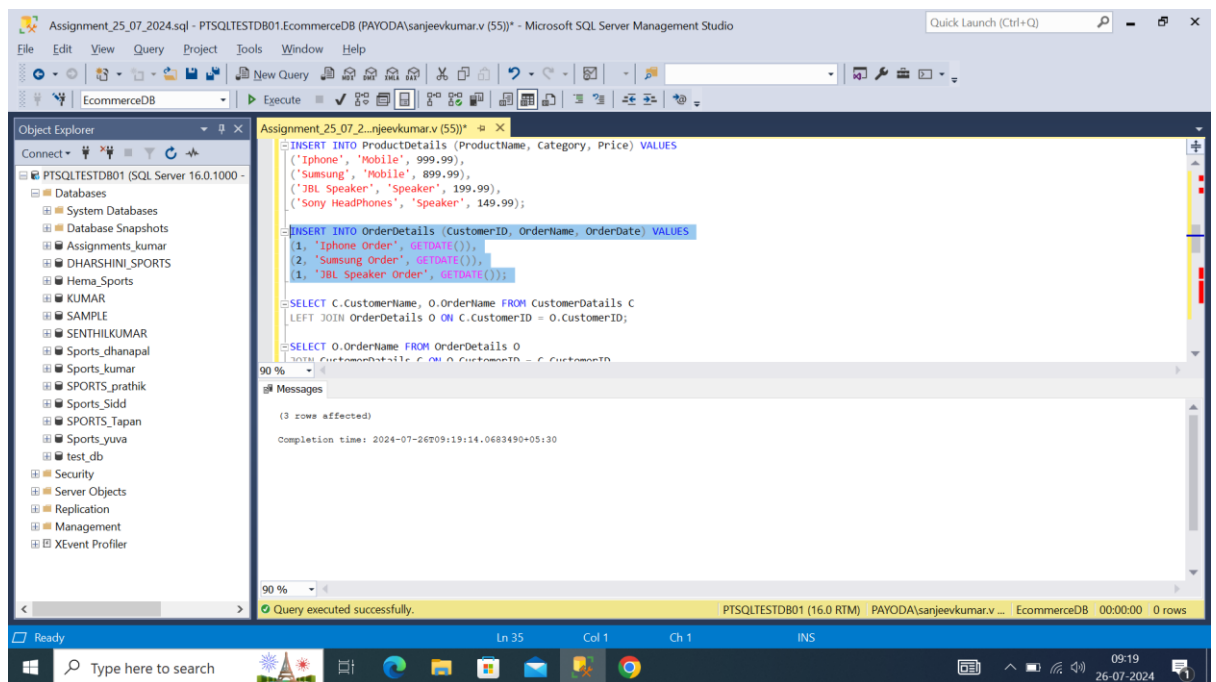-> create table CustomerDetails

-> Create table ProductDetails

-> Create table OrderDetails

-> Insert values in CustomerDetails table.

-> Insert values in ProductDetails tabls

-> Insert values in OrderDetails table

-> Fetch all customers and display if there are any order names

1.

-> Fetch all the order names placed from particular location

1.

-> The max price of products from particular category

-> Display any product with the product name as like mobile, speaker

1.
-> Create a function that calculate 10% GST from original price

1.
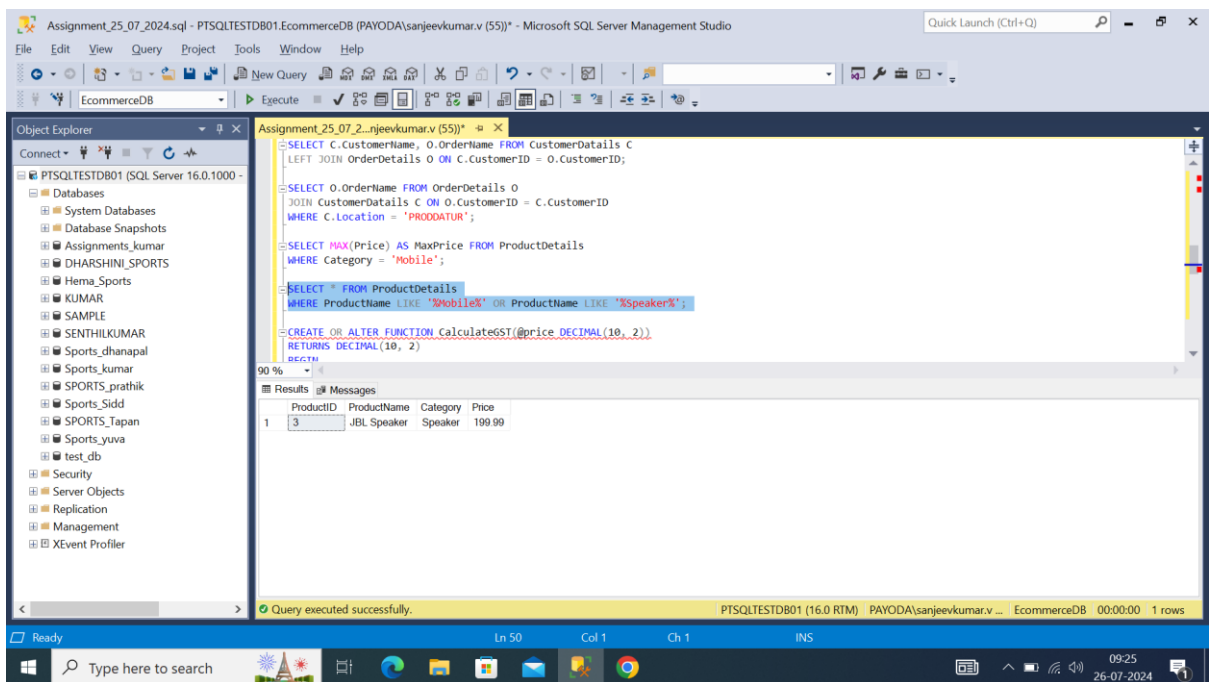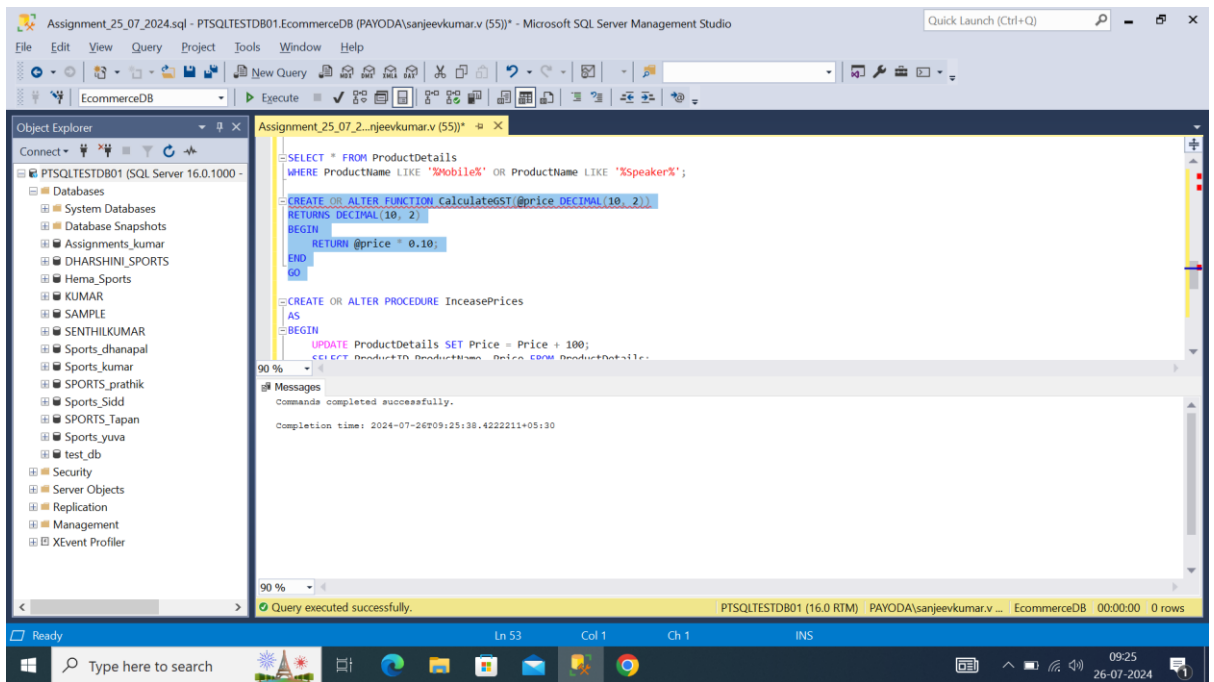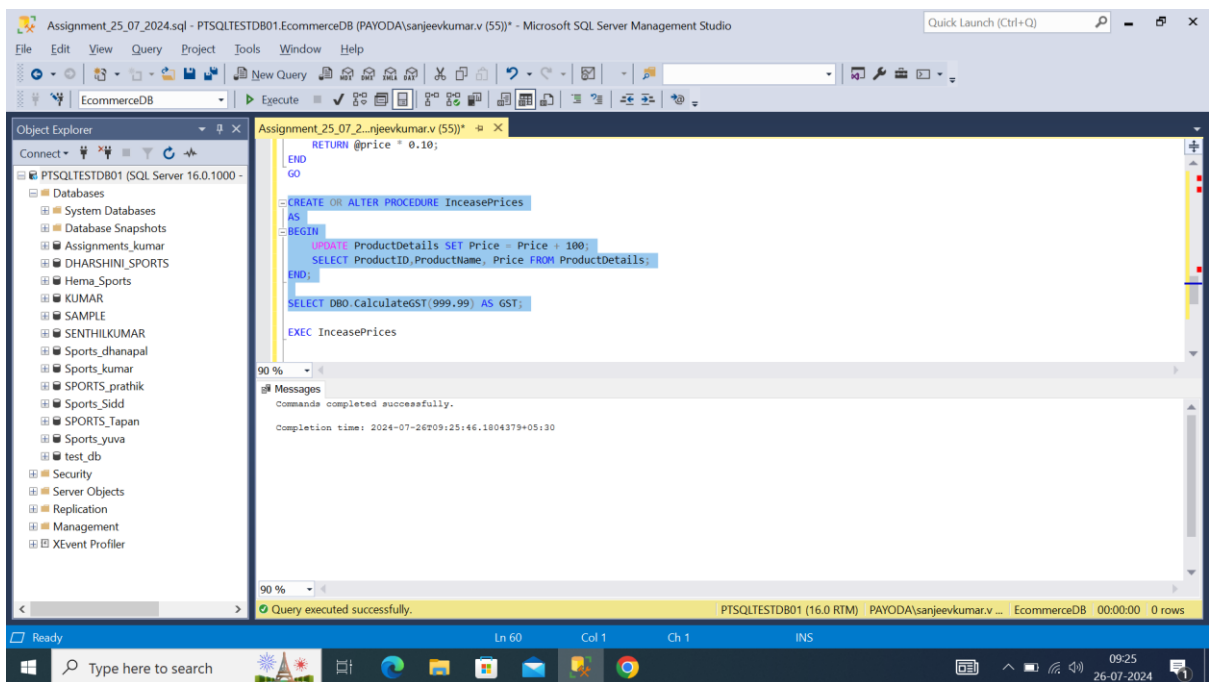-> Create store procedure that increases all the product prices by 100 ensure atomicity.

```sql
        RETURN @price * 0.10;
END
GO

CREATE OR ALTER PROCEDURE InceasePrices
AS
BEGIN
    UPDATE ProductDetails SET Price = Price + 100;
    SELECT ProductID,ProductName, Price FROM ProductDetails;
END;

SELECT DBO.CalculateGST(999.99) AS GST;

EXEC InceasePrices
```

	ProductID	ProductName	Price
1	1	Iphone	1099.99
2	2	Sumsung	999.99
3	3	JBL Speaker	299.99
4	4	Sony HeadPhones	249.99

	GST
1	100.00

Query executed successfully.

-> Display Increases price and GST