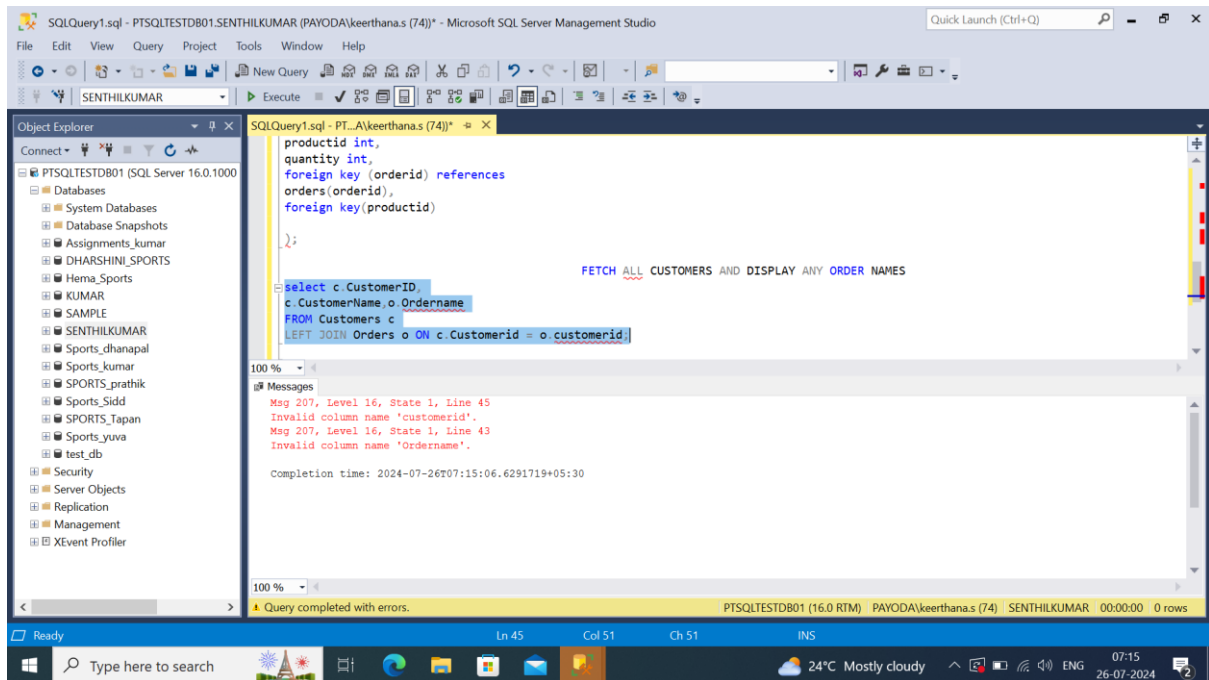


DATE:25/06/2024

1.FETCH ALL CUSTOMERS AND DISPLAY IF THERE ARE ANY ORDER NAME



2.FETCH ALL ORDER NAMES PLACED FROM PARTICULAR LOCATION

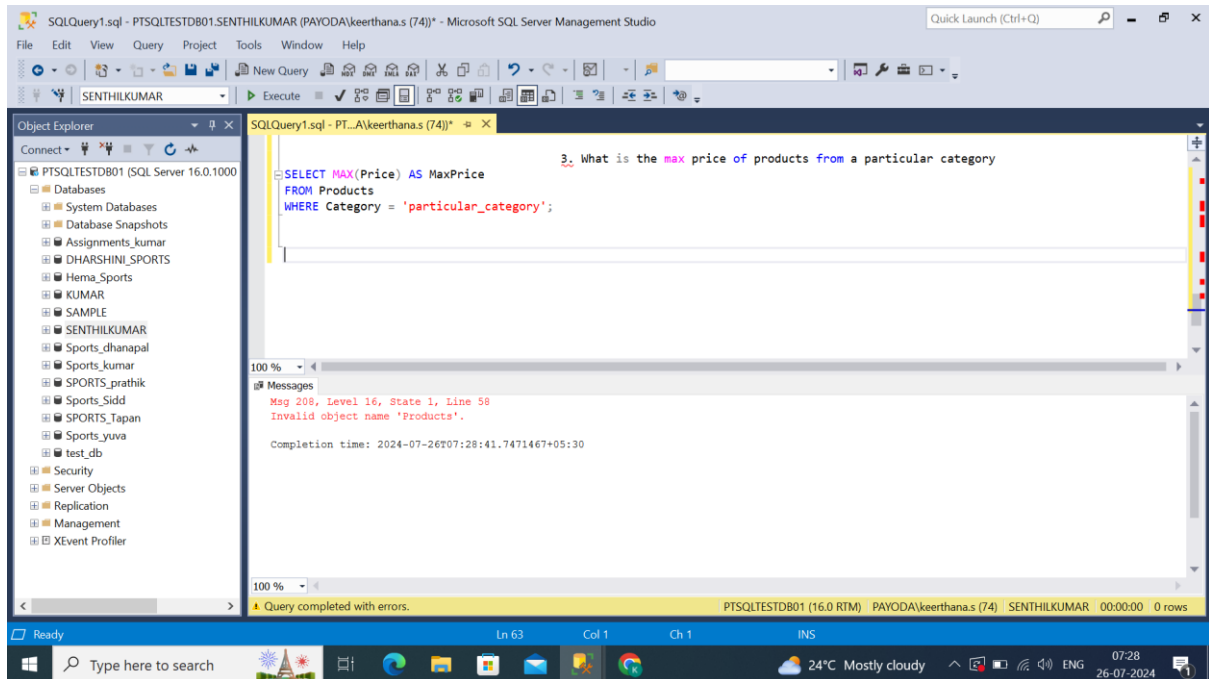
The screenshot displays the Microsoft SQL Server Management Studio (SSMS) interface. The title bar indicates the file is 'SQLQuery1.sql - PTSQLTESTDB01.SENTHILKUMAR (PAYODA\keerthanas (74))' in the 'Microsoft SQL Server Management Studio' application. The menu bar includes File, Edit, View, Query, Project, Tools, Window, and Help. The toolbar contains various icons for file operations, query execution, and window management. The Object Explorer on the left shows the server structure for 'PTSQLTESTDB01 (SQL Server 16.0.1000)', including Databases, System Databases, Database Snapshots, Assignments_kumar, DHARSHINI_SPORTS, Hema_Sports, KUMAR, SAMPLE, SENTHILKUMAR, Sports_dhanapal, Sports_kumar, SPORTS_prathik, Sports_Sidd, SPORTS_Tapan, Sports_yuva, test_db, Security, Server Objects, Replication, Management, and XEvent Profiler. The main query editor shows a T-SQL script with a table definition and a query. The table definition includes 'productid int', 'quantity int', a foreign key for 'orders(orderid)', and another foreign key for 'productid'. The query is a SELECT statement: 'select c.CustomerID, c.CustomerName, o.Ordername FROM Customers c LEFT JOIN Orders o ON c.Customerid = o.customerid;'. The query is highlighted in blue. The Messages pane at the bottom shows two error messages: 'Msg 207, Level 16, State 1, Line 45 Invalid column name 'customerid'.' and 'Msg 207, Level 16, State 1, Line 43 Invalid column name 'Ordername'.'. The completion time is '2024-07-26T07:15:06.6291719+05:30'. The status bar at the bottom indicates 'Query completed with errors.', 'PTSQLTESTDB01 (16.0 RTM)', 'PAYODA\keerthanas (74)', 'SENTHILKUMAR', '00:00:00', and '0 rows'.

```
productid int,  
quantity int,  
foreign key (orderid) references  
orders(orderid),  
foreign key(productid)  
};  
  
-- FETCH ALL CUSTOMERS AND DISPLAY ANY ORDER NAMES  
select c.CustomerID,  
c.CustomerName, o.Ordername  
FROM Customers c  
LEFT JOIN Orders o ON c.Customerid = o.customerid;
```

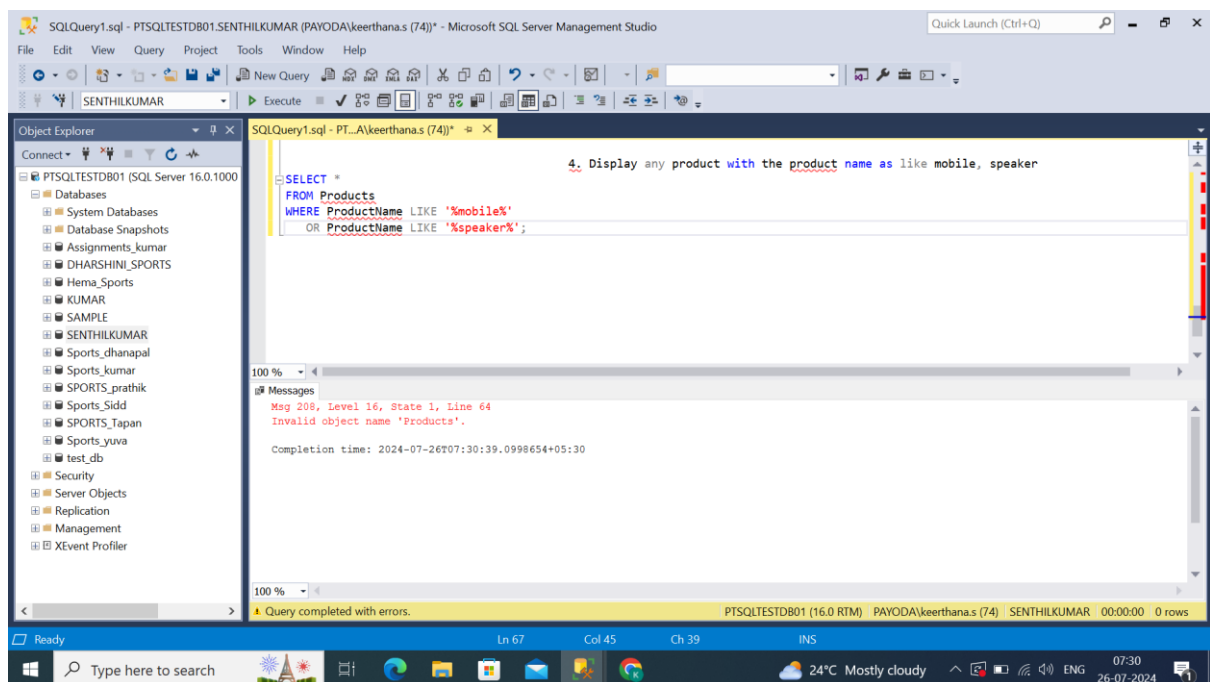
Msg 207, Level 16, State 1, Line 45
Invalid column name 'customerid'.
Msg 207, Level 16, State 1, Line 43
Invalid column name 'Ordername'.
Completion time: 2024-07-26T07:15:06.6291719+05:30

Query completed with errors. | PSQLTESTDB01 (16.0 RTM) | PAYODA\keerthanas (74) | SENTHILKUMAR | 00:00:00 | 0 rows

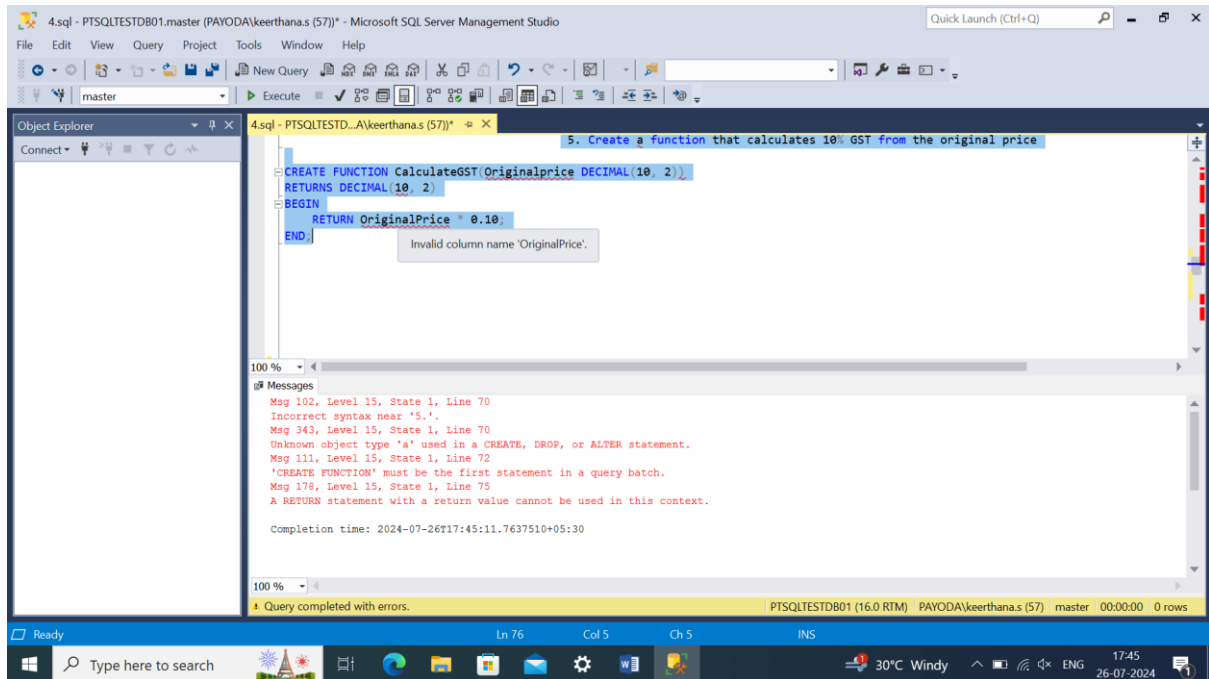
3. WHAT IS THE MAX PRICE OF PRODUCTS FROM PARTICULAR CATEGORY



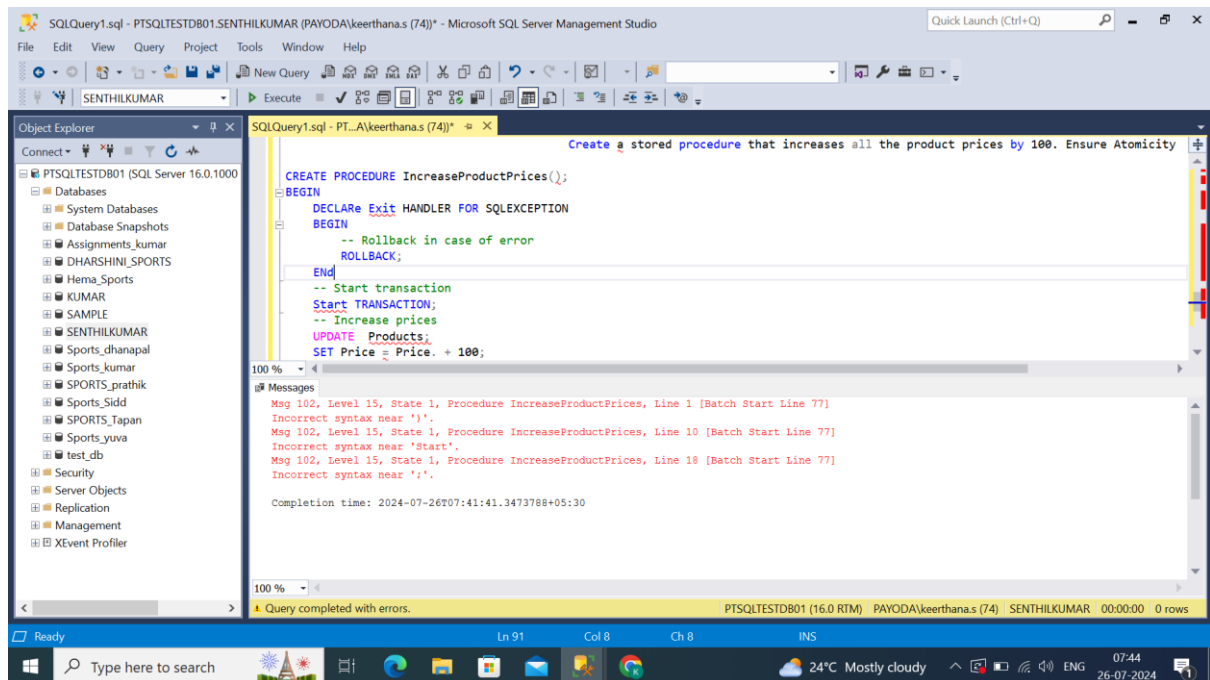
4. DISPLAY ANY PRODUCT WITH THE PRODUCTNAME AS LIKE MOBILE,SPEAKER



5. CREATE A FUNCTION THAT CALCULATE 10% GET FROM ORIGINAL PRICE



6. CREATE STORED PROCEDURE THAT INCREASES ALL PRODUCT PRICE BY 100 ENSURE ATOMICITY



SQLQuery1.sql - PTSQLTESTDB01.SENTHILKUMAR (PAYODA\keerthanas (74)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Object Explorer

- Connect +
- PTSQLTESTDB01 (SQL Server 16.0.1000)
 - Databases
 - System Databases
 - Database Snapshots
 - Assignments_kumar
 - DHARSHINI_SPORTS
 - Herna_Sports
 - KUMAR
 - SAMPLE
 - SENTHILKUMAR
 - Sports_dhanapal
 - Sports_kumar
 - SPORTS_prathik
 - Sports_Sidd
 - SPORTS_Tapan
 - Sports_yuva
 - test_db
 - Security
 - Server Objects
 - Replication
 - Management
 - XEvent Profiler

SQLQuery1.sql - PT_A\keerthanas (74)

```
-- Rollback in case of error
ROLLBACK;

End
-- Start transaction
Start TRANSACTION;
-- Increase prices
UPDATE Products;
SET Price = Price. + 100;
-- Commit transaction
COMMIT;

END;
```

100 %

Messages

Msg 102, Level 15, State 1, Procedure IncreaseProductPrices, Line 1 [Batch Start Line 77]
Incorrect syntax near ')'.
Msg 102, Level 15, State 1, Procedure IncreaseProductPrices, Line 10 [Batch Start Line 77]
Incorrect syntax near 'Start'.
Msg 102, Level 15, State 1, Procedure IncreaseProductPrices, Line 18 [Batch Start Line 77]
Incorrect syntax near ';'.
Completion time: 2024-07-26T07:41:41.3473788+05:30

100 %

Query completed with errors. PTSQLTESTDB01 (16.0 RTM) PAYODA\keerthanas (74) SENTHILKUMAR 00:00:00 0 rows

Ready Ln 91 Col 8 Ch 8 OVR

Type here to search

24°C Mostly cloudy 07:45 26-07-2024