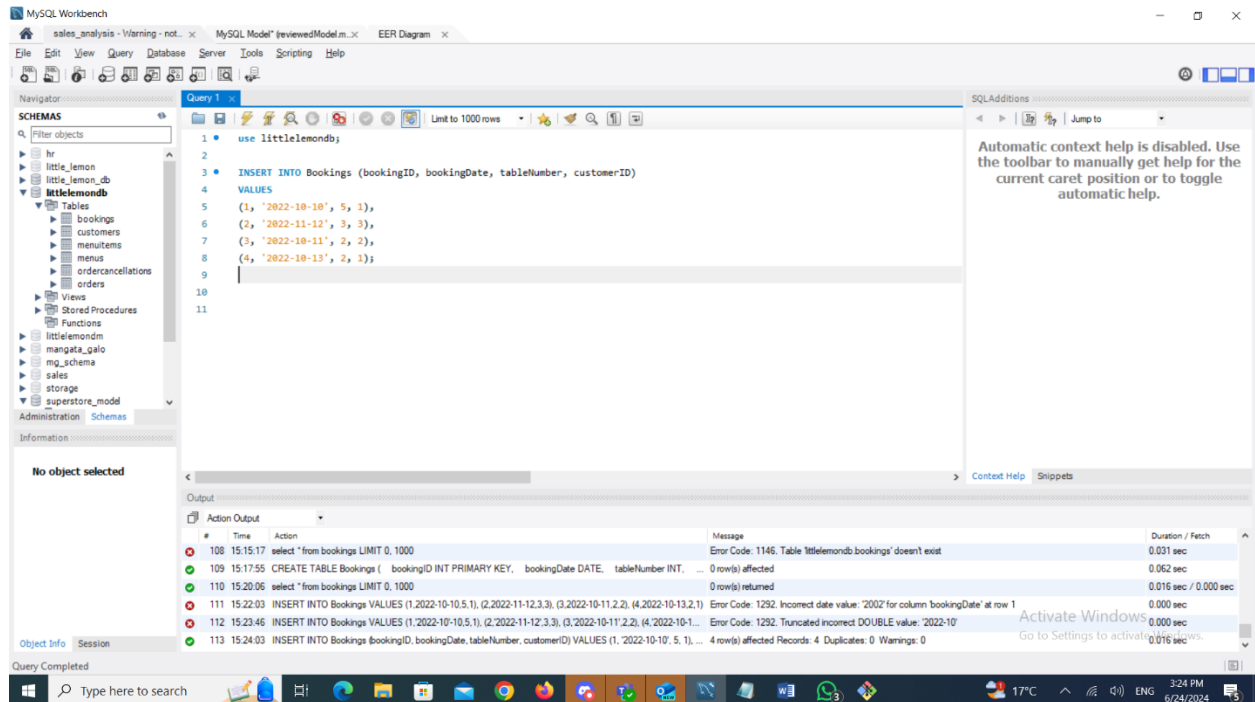
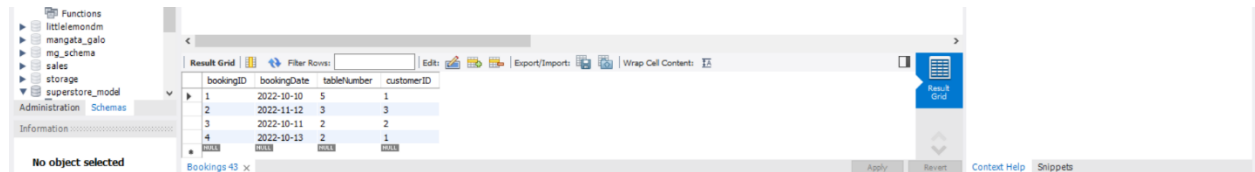


## CREATE SQL QUERIES TO CHECK AVAILABLE BOOKINGS BASED ON USER INPUT.

Little Lemon wants to populate the Bookings table of their database with some records of data.

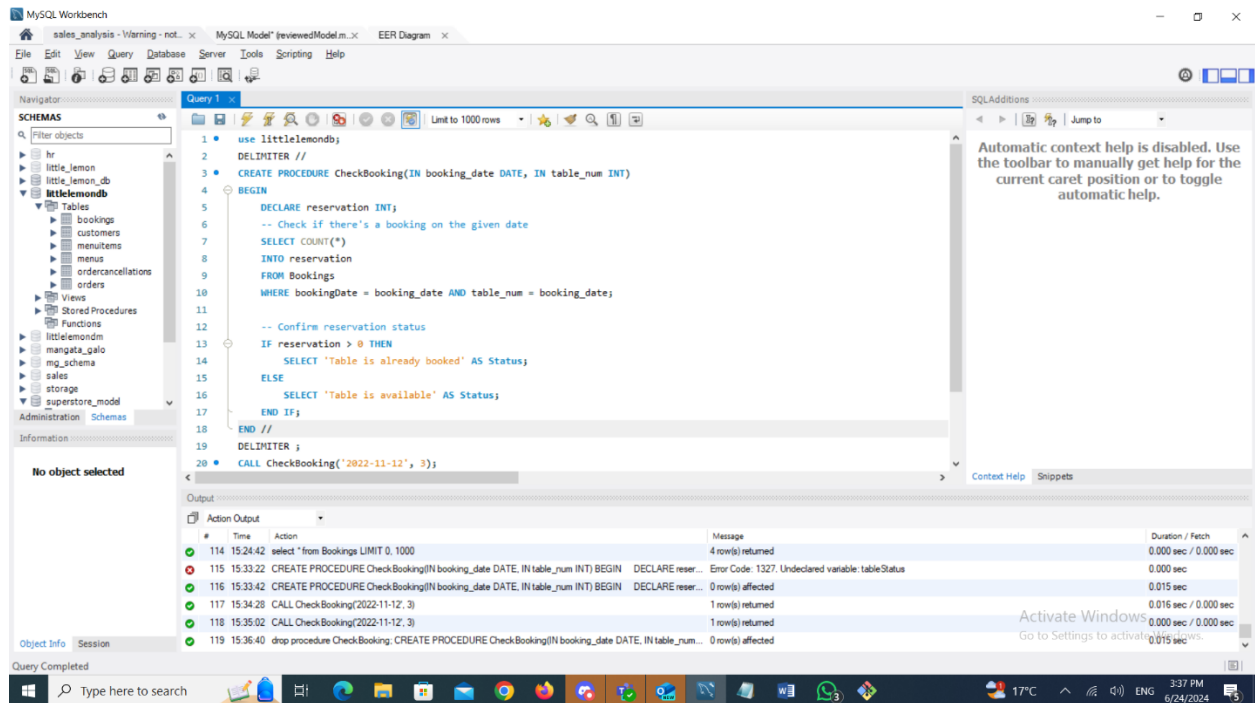


## RESULT:



Little Lemon need to verify a booking, and decline any reservations for tables that are already booked under another name.

Since integrity is not optional, Little Lemon need to ensure that every booking attempt includes these verification and decline steps. However, implementing these steps requires a stored procedure and a transaction.



## RESULT:



Little Lemon needs to verify bookings and decline any reservations for tables that are already booked under another name.

Since integrity is not optional, Little Lemon needs to ensure that every booking attempt includes these verification and decline steps. However, implementing these steps requires a stored procedure and a transaction.

MySQL Workbench

sales\_analysis - warning - not... MySQL Model reviewedModel.m... EER Diagram

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Navigator

SCHEMAS

Filter objects

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Query 1

```

1 use littlelemondb;
2 DELIMITER //
3 CREATE PROCEDURE AddValidBooking(IN booking_date DATE,IN table_num INT)
4 BEGIN
5     DECLARE reservation_count INT;
6     DECLARE customerID INT DEFAULT 3;
7     -- resume transaction
8     START TRANSACTION;
9     -- Confirm that the table is already booked or not on the given date
10    SELECT COUNT(*) INTO reservation_count
11    FROM Bookings
12    WHERE bookingDate = booking_date AND tableNumber = table_num;
13    -- Rollback the transaction, if booked
14    IF reservation_count > 0 THEN
15        ROLLBACK;
16        SELECT 'Table is already booked' AS Status;
17    ELSE
18        -- Insert the new booking and commit the transaction if available
19        INSERT INTO Bookings (bookingDate, tableNumber, customerID)
20        VALUES (booking_date, table_num, customerID);
21
22        COMMIT;
23        SELECT 'Booking successful' AS Status;
24    END IF;
25 END //
26 DELIMITER ;
27 CALL AddValidBooking('2022-12-17',6);
28
29
30

```

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Output

Action Output

#	Time	Action	Message	Duration / Fetch
128	16:02:52	drop procedure AddValidBooking: CREATE PROCEDURE AddValidBooking( IN booking_date DATE, IN ...	0 row(s) affected	0.000 sec
129	16:03:06	drop procedure AddValidBooking: CREATE PROCEDURE AddValidBooking( IN booking_date DATE, IN ...	0 row(s) affected	0.000 sec
130	16:03:51	drop procedure AddValidBooking: CREATE PROCEDURE AddValidBooking( IN booking_date DATE, IN ...	0 row(s) affected	0.015 sec
131	16:03:55	drop procedure AddValidBooking: CREATE PROCEDURE AddValidBooking( IN booking_date DATE, IN ...	0 row(s) affected	0.015 sec
132	16:04:12	drop procedure AddValidBooking:	0 row(s) affected	0.016 sec
133	16:04:28	CREATE PROCEDURE AddValidBooking( IN booking_date DATE, IN table_num INT) BEGIN DECL...	0 row(s) affected	0.000 sec

Query Completed

Object Info Session

No object selected

Activate Windows  
Go to Settings to activate Windows.

18°C 4:05 PM 6/24/2024

## RESULT:

mangata\_galo mg\_schema sales storage superstore\_model Administration Schemas Information

No object selected

Result Grid

Filter Rows: Export: Wrap Cell Contents: Read Only

Status
Booking successful

Result 48 x

Output

Context Help Snippets