**ASSIGNMENT NO 5 = TICKET BOOKING SYSTEM**

1. **CREATING A DATABASE TABLES**
2. **VENUE TABLE**

**CREATE DATABASE Ticket\_System;**

**USE Ticket\_System;**

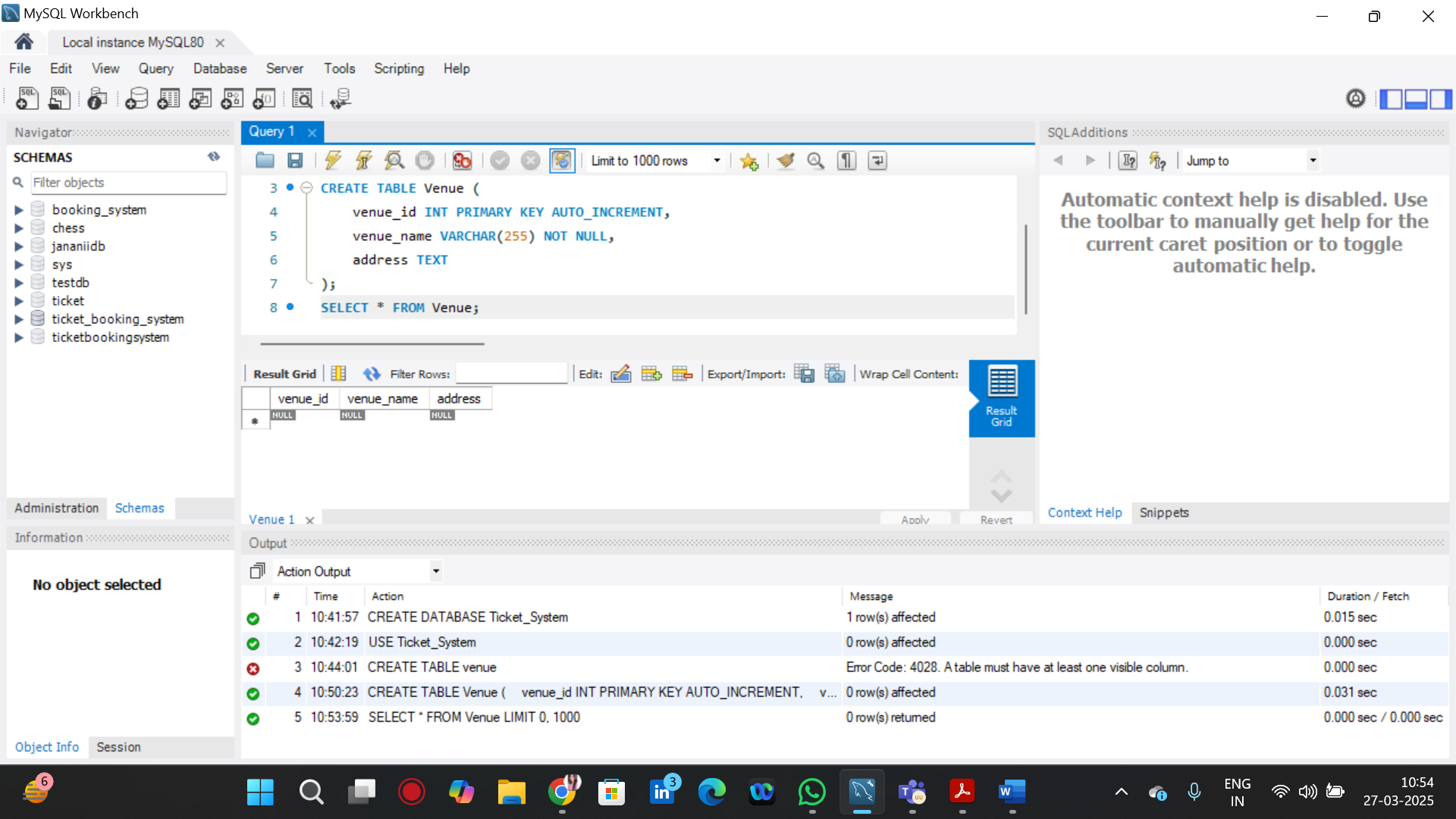
**CREATE TABLE Venue (**

**venue\_id INT PRIMARY KEY AUTO\_INCREMENT,**

**venue\_name VARCHAR(255) NOT NULL,**

**address TEXT**

**);**

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1. **EVENT TABLE**

**CREATE TABLE Event (**

**event\_id INT PRIMARY KEY AUTO\_INCREMENT,**

**event\_name VARCHAR(255) NOT NULL,**

**event\_date DATE NOT NULL,**

**event\_time TIME NOT NULL,**

**venue\_id INT,**

**total\_seats INT NOT NULL,**

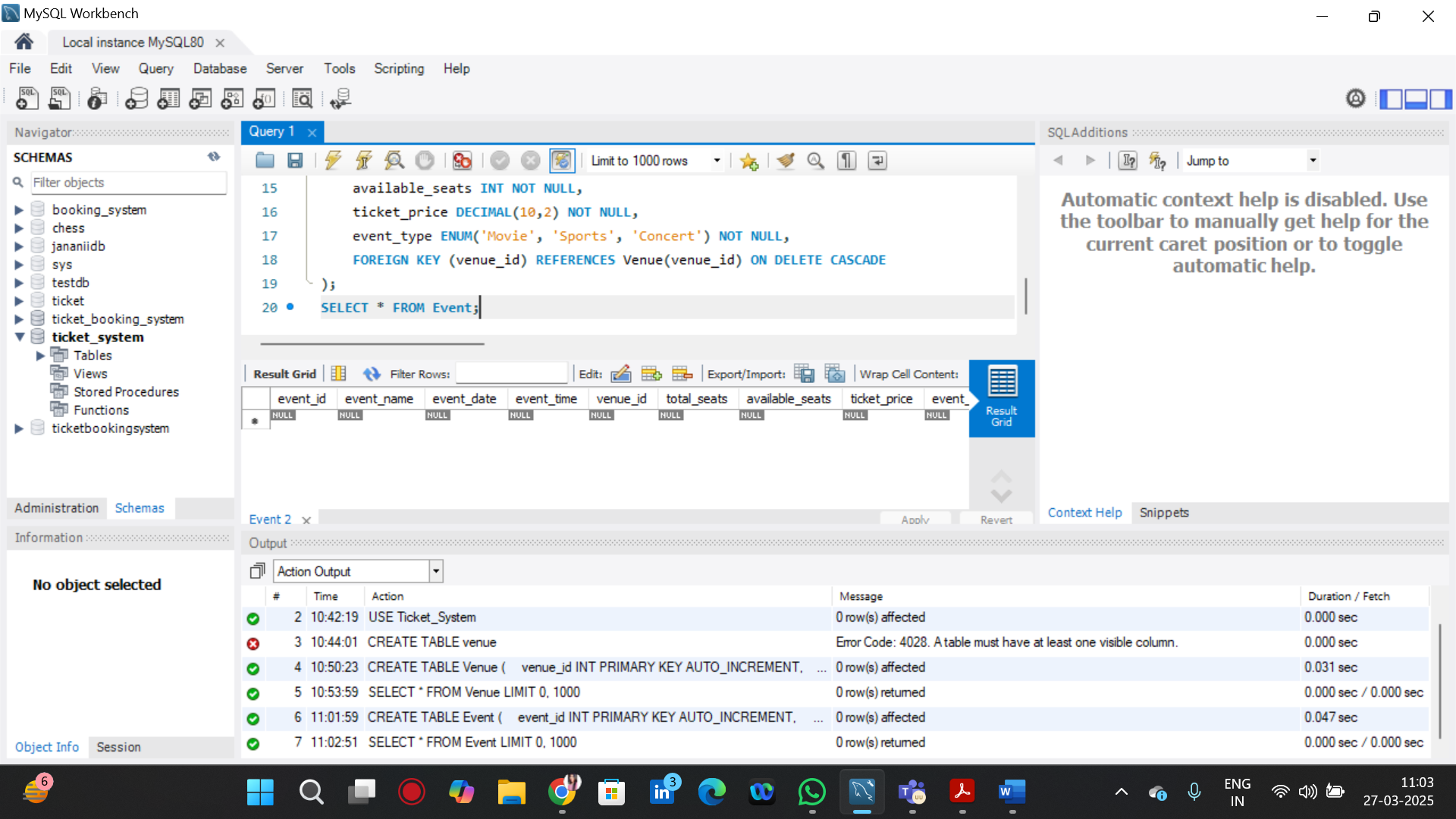
**available\_seats INT NOT NULL,**

**ticket\_price DECIMAL(10,2) NOT NULL,**

**event\_type ENUM('Movie', 'Sports', 'Concert') NOT NULL,**

**FOREIGN KEY (venue\_id) REFERENCES Venue(venue\_id) ON DELETE CASCADE**

**);**

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**iii)CUSTOMER TABLE**

**CREATE TABLE Customer (**

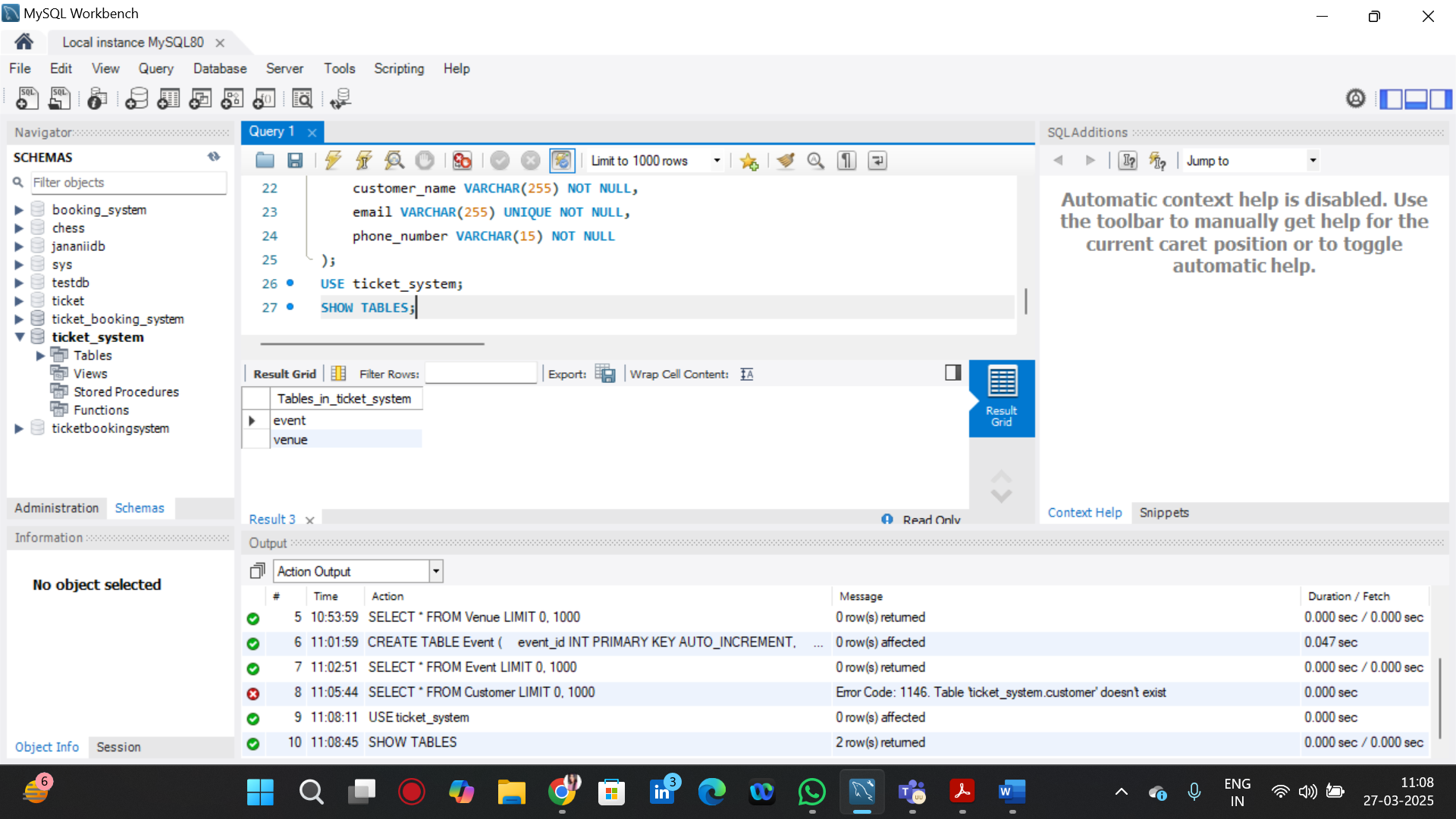
**customer\_id INT PRIMARY KEY AUTO\_INCREMENT,**

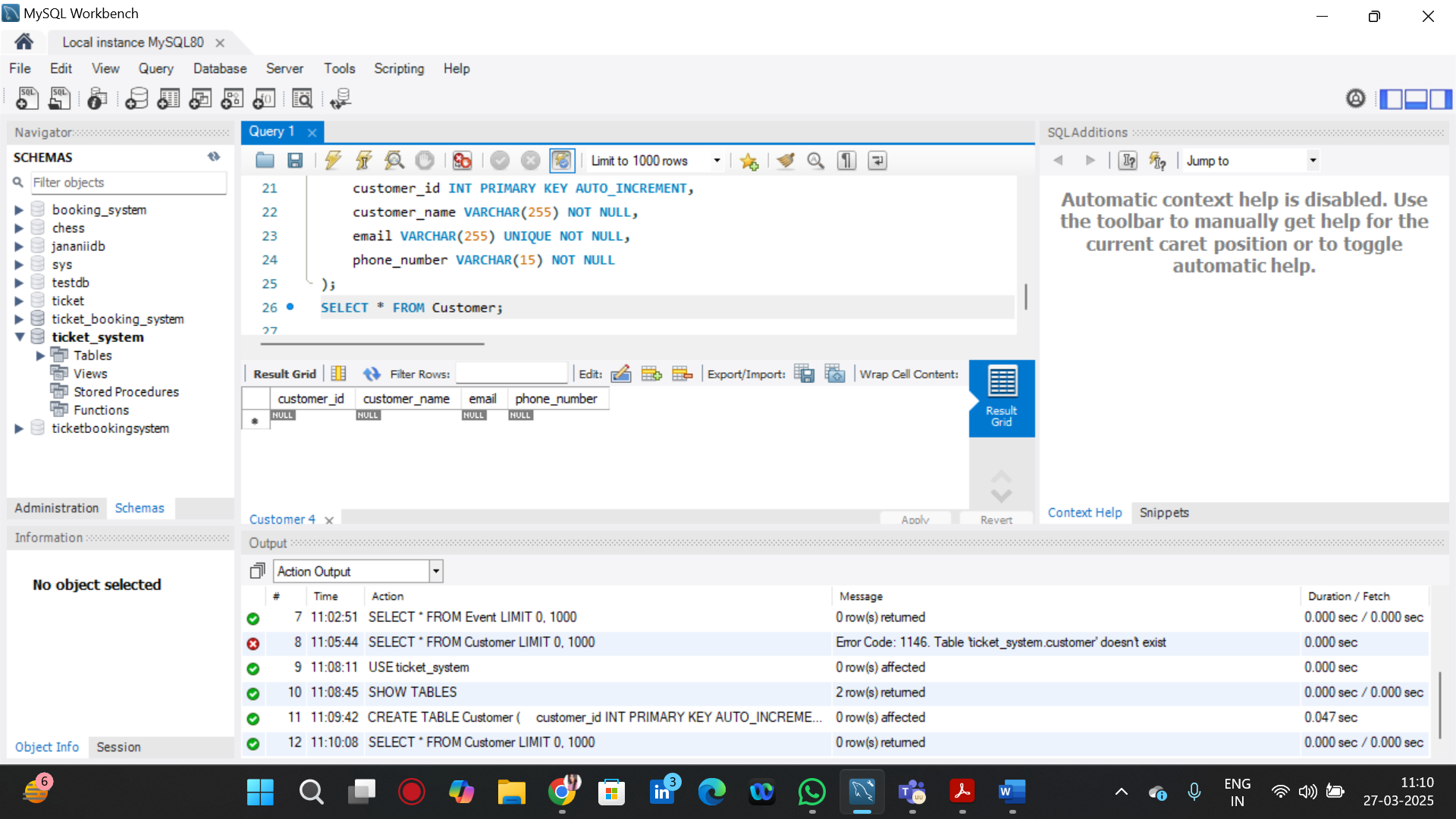
**customer\_name VARCHAR(255) NOT NULL,**

**email VARCHAR(255) UNIQUE NOT NULL,**

**phone\_number VARCHAR(15) NOT NULL**

**);**

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**IV) BOOKING TABLE**

**CREATE TABLE Booking (**

**booking\_id INT PRIMARY KEY AUTO\_INCREMENT,**

**customer\_id INT,**

**event\_id INT,**

**num\_tickets INT NOT NULL,**

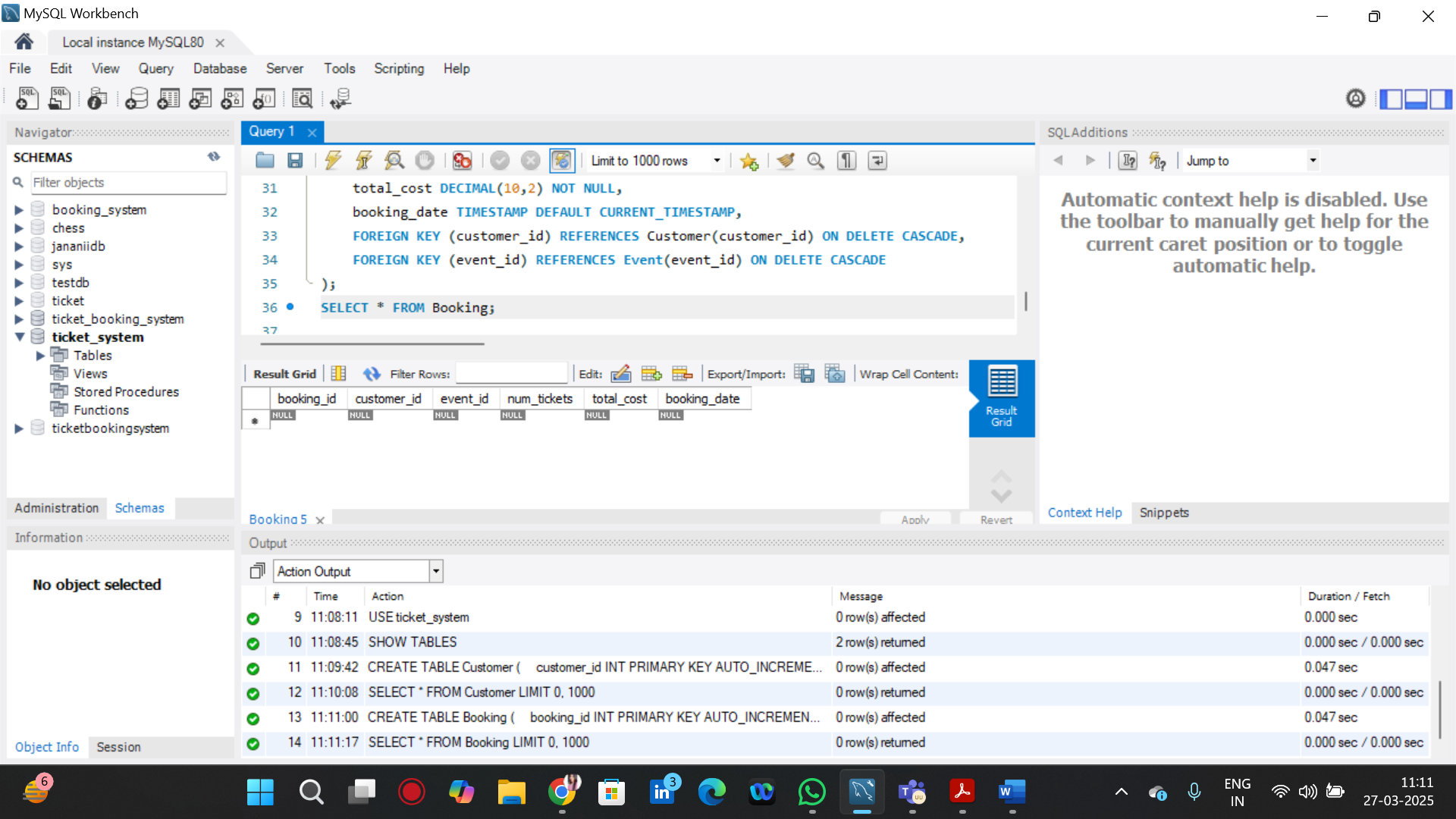
**total\_cost DECIMAL(10,2) NOT NULL,**

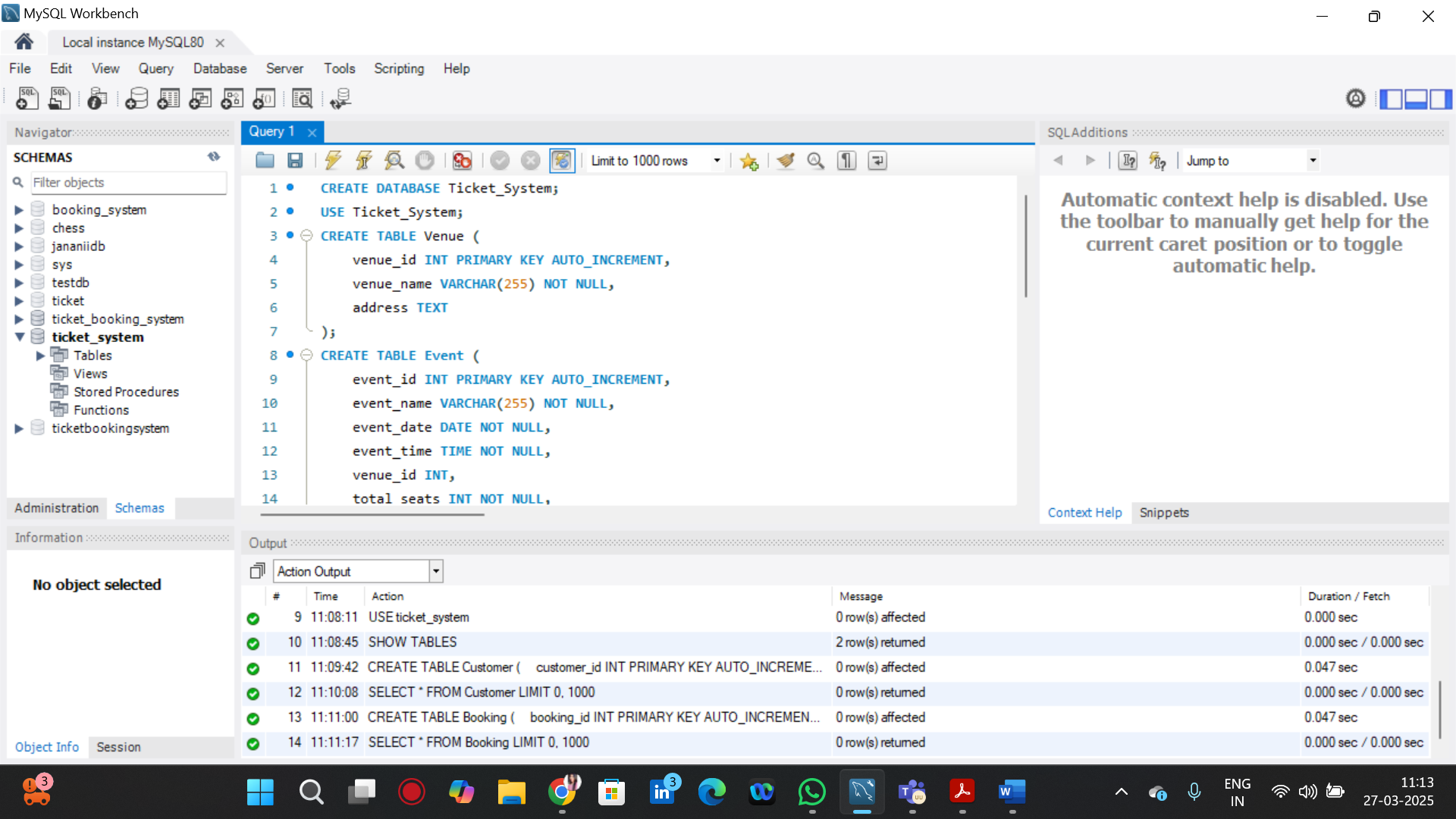
**booking\_date TIMESTAMP DEFAULT CURRENT\_TIMESTAMP,**

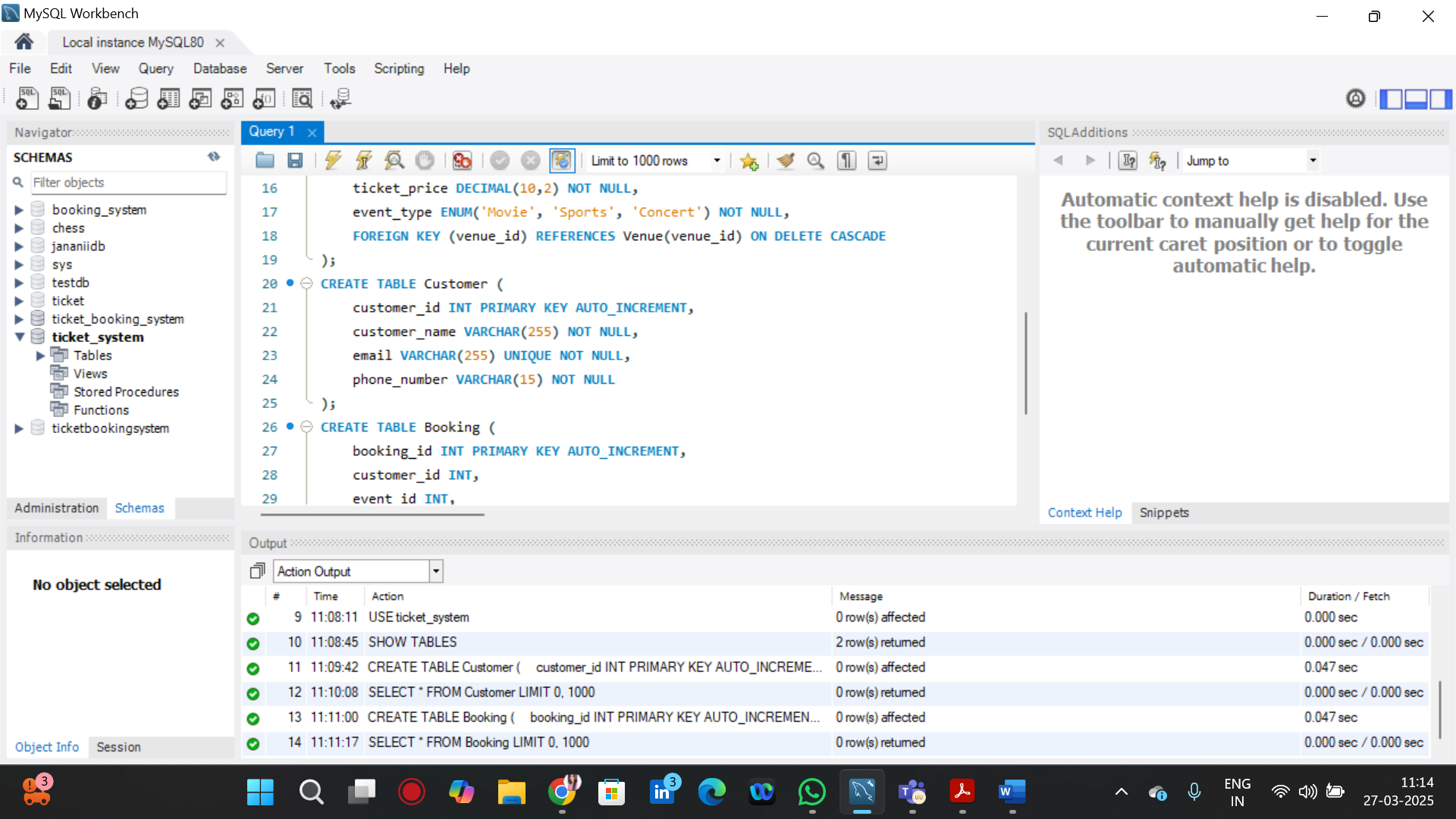
**FOREIGN KEY (customer\_id) REFERENCES Customer(customer\_id) ON DELETE CASCADE,**

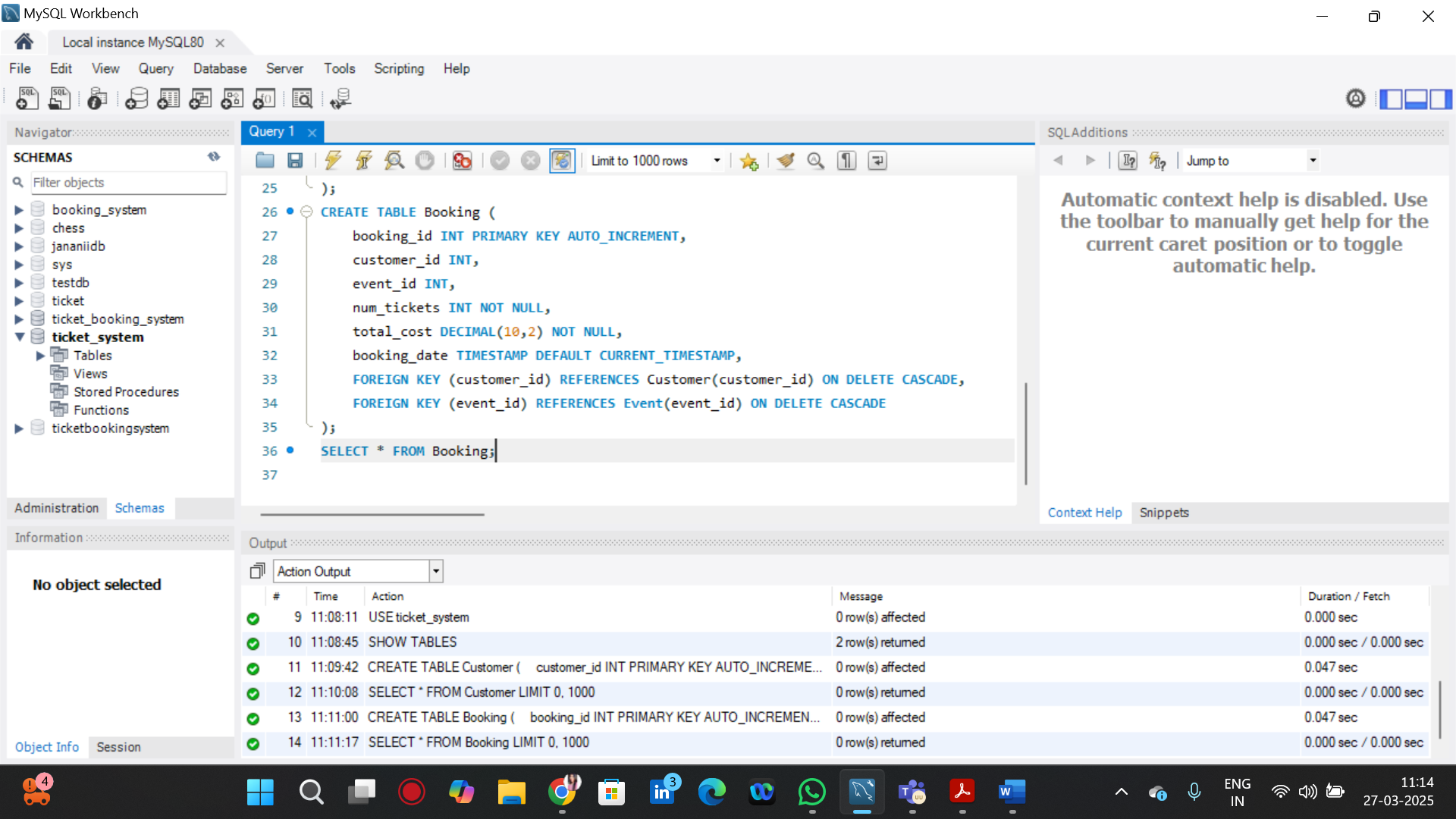
**FOREIGN KEY (event\_id) REFERENCES Event(event\_id) ON DELETE CASCADE**

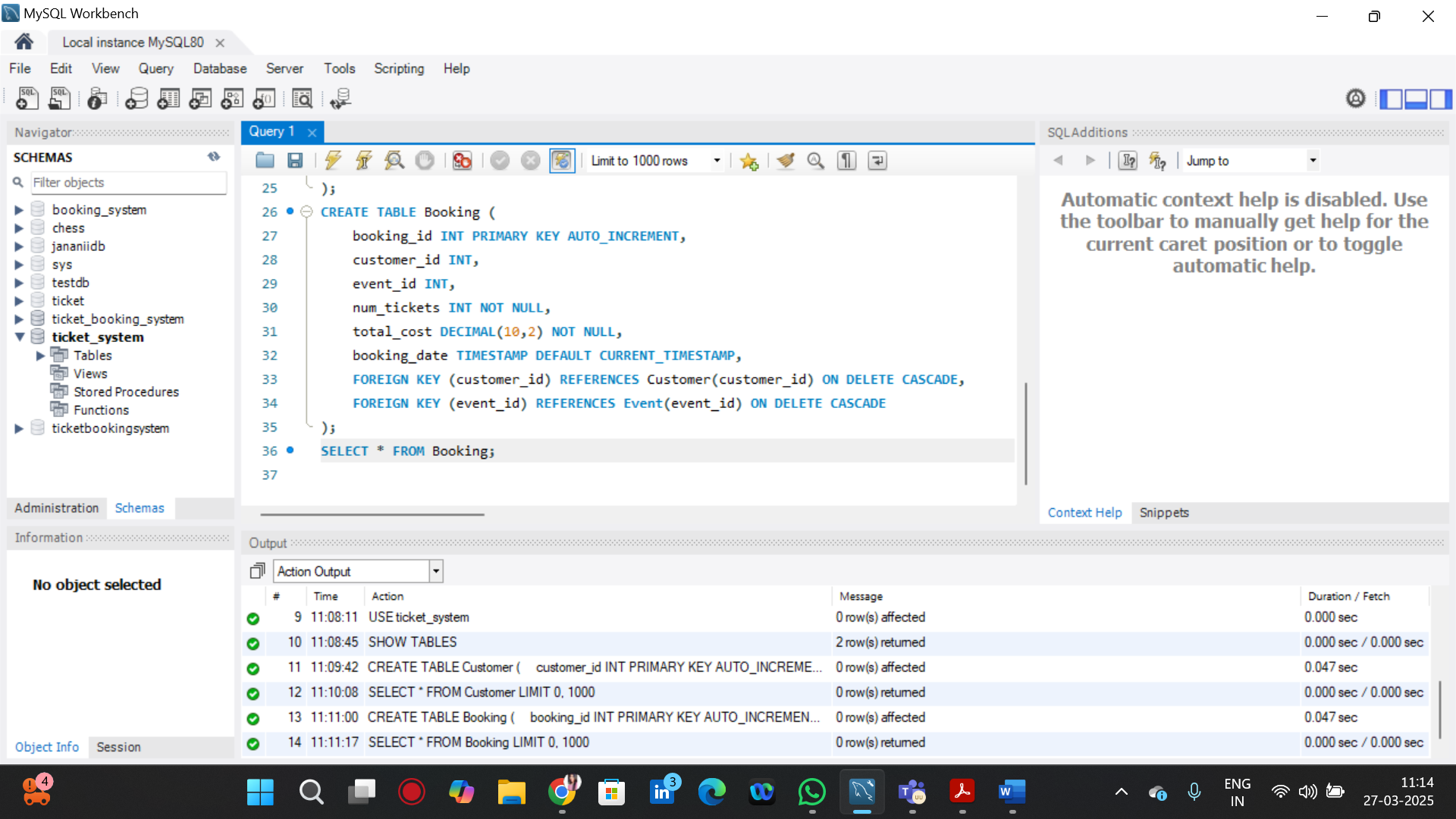
**);**

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