Restaurant Management System Console Application Features

# 1. Table Reservation

- Reserve a Table: Users can reserve a table by providing the customer's name, table number, and reservation time.  
 - View Reservations: Users can view all existing reservations in the system.

# 2. Order Management

- Add Order: Staff can add orders for a specific table by entering table number, order details, and total amount.  
 - View Orders: Staff can view all orders placed in the system.

# 3. Billing System

- Generate Bill: Users can generate a bill for a specific table, which calculates the total amount based on orders.  
 - Mark Bill as Paid: Staff can mark the bill as paid for a specific table after the payment is made.

# How it Works:

- The main() function initializes the database using init\_db() and presents a main menu with options for table reservation, order management, and billing.  
 - Users can interact with the system via the console by entering choices:  
 - Option 1: Reserve a table by inputting customer details and reservation time.  
 - Option 2: View existing reservations.  
 - Option 3: Add an order with details and total amount for a table.  
 - Option 4: View all orders placed in the system.  
 - Option 5: Generate a bill based on the table's orders.  
 - Option 6: Mark a bill as paid for a table.  
 - Option 0: Exit the application.  
 - Each feature is tied to specific utility functions for reservations, orders, and bills, which interact with the database to manage the system's data.