#################### sql tables ######################

CREATE TABLE room (

roomId INT PRIMARY KEY,

isAvailable BOOLEAN,

roomType VARCHAR(255),

roomAmenities TEXT,

floorNumber INT,

maximumOccupancy INT,

roomRate DECIMAL(10, 2)

);

CREATE TABLE customer (

customerId INT PRIMARY KEY,

name VARCHAR(255),

dateOfBirth DATE,

age INT,

phone VARCHAR(255),

address VARCHAR(255)

);

CREATE TABLE bill (

billId INT NOT NULL AUTO\_INCREMENT,

customerId INT,

billDate DATE,

billAmount DECIMAL(10, 2),

paymentMethod VARCHAR(255),

PRIMARY KEY (billId)

);

CREATE TABLE employee (

employeeId INT PRIMARY KEY,

name VARCHAR(255),

phone VARCHAR(255),

email VARCHAR(255),

address VARCHAR(255),

salary DECIMAL(10, 2)

);

CREATE TABLE reservation (

reservationId INT NOT NULL AUTO\_INCREMENT,

customerId INT NOT NULL,

roomId INT NOT NULL,

employeeId INT NOT NULL,

checkInDate DATE NOT NULL,

checkOutDate DATE NOT NULL,

reservationDateTime DATETIME NOT NULL,

PRIMARY KEY (reservationId),

FOREIGN KEY (customerId) REFERENCES customer(customerId),

FOREIGN KEY (roomId) REFERENCES room(roomId),

FOREIGN KEY (employeeId) REFERENCES employee(employeeId)

);

CREATE TABLE AuthenticationService (

employeeId INT NOT NULL,

password VARCHAR(255) NOT NULL,

role VARCHAR(255) NOT NULL,

PRIMARY KEY (employeeId),

FOREIGN KEY (employeeId) REFERENCES employee(employeeId)

);

################ insert data #########################3333

INSERT INTO Room (roomId, isAvailable, roomType, roomAmenities, floorNumber, maximumOccupancy, roomRate)

VALUES (101, true, 'Deluxe', 'wifi,television,minibar,air conditioning', 1, 2, 150.00);

INSERT INTO Room (roomId, isAvailable, roomType, roomAmenities, floorNumber, maximumOccupancy, roomRate)

VALUES (201, true, 'Deluxe', 'wifi,television,minibar,air conditioning', 2, 2, 180.00);

INSERT INTO Customer (customerId, name, dateOfBirth, age, phone, address)

VALUES (1, 'John Doe', '1980-01-01', 42, '555-1234', '123 Maple Street');

INSERT INTO Employee (employeeId, name, phone, email, address, salary)

VALUES (5001, 'Jane Smith', '0569369452', 'jane.smith@yahoo.com', '456 Oak Avenue', 50000.00);

INSERT INTO Employee (employeeId, name, phone, email, address, salary)

VALUES (5002, 'roa nafi', '0569369452', 'jane.smith@yahoo.com', '456 Oak Avenue', 50000.00);

INSERT INTO Bill (billId, billDate, billAmount)

VALUES (1, '2024-01-19', 300.00);

INSERT INTO Payment (paymentMethod, paymentDate, billId, customerId)

VALUES ('Credit Card', '2024-01-20', 1, 1);

INSERT INTO AuthenticationService (employeeId, password, role)

VALUES (5001, '123', 'Manager');

INSERT INTO AuthenticationService (employeeId, password, role)

VALUES (5002, '123', 'Employee');