

```
create database hotel;  
USE hotel;  
  
CREATE TABLE customer (  
    customer_id INT AUTO_INCREMENT PRIMARY KEY,  
    first_name VARCHAR(20) NOT NULL,  
    last_name VARCHAR(20) NOT NULL,  
    phone VARCHAR(15) NOT NULL  
);  
  
CREATE TABLE admin (  
    admin_id INT AUTO_INCREMENT PRIMARY KEY,  
    admin_name VARCHAR(20) NOT NULL,  
    password VARCHAR(50) NOT NULL  
);  
  
CREATE TABLE Breakfast (  
    breakfast_id INT AUTO_INCREMENT PRIMARY KEY,  
    customer_id INT NOT NULL,  
    breakfast_type ENUM('Continental Breakfast','American Breakfast','Vegetarian Breakfast')  
        NOT NULL,  
    drink_type ENUM('Coffee','Tea','Fresh Juice','No drink') NOT NULL,  
    break_time varchar(20) NOT NULL,  
    brek_price DECIMAL(20,2) NOT NULL,  
    CONSTRAINT fk_breakfast_customer FOREIGN KEY (customer_id)  
        REFERENCES customer (customer_id)  
        ON DELETE CASCADE ON UPDATE CASCADE
```

);

```
CREATE TABLE house_cleaning (
    house_cleaning_id INT AUTO_INCREMENT PRIMARY KEY,
    customer_id INT NOT NULL,
    house_cleaning_state BOOLEAN NOT NULL,
    house_cleaning_price DECIMAL(10,2) NOT NULL,
    CONSTRAINT fk_cleaning_customer FOREIGN KEY (customer_id)
        REFERENCES customer (customer_id)
    ON DELETE CASCADE ON UPDATE CASCADE
);
```

```
CREATE TABLE reservation (
    reserv_id INT AUTO_INCREMENT PRIMARY KEY,
    customer_id INT NOT NULL,
    first_day DATE NOT NULL,
    last_day DATE NOT NULL,
    checkin_time TIME NOT NULL,
    checkout_time TIME NOT NULL,
    login_state BOOLEAN NOT NULL,
    admin_id INT NOT NULL,
    CONSTRAINT fk_reservation_customer FOREIGN KEY (customer_id)
        REFERENCES customer (customer_id)
    ON DELETE CASCADE ON UPDATE CASCADE,
    CONSTRAINT fk_reservation_admin FOREIGN KEY (admin_id)
```

```
REFERENCES admin (admin_id)
ON DELETE CASCADE ON UPDATE CASCADE
);
```

```
INSERT INTO customer (first_name, last_name, phone) VALUES
('Fahad', 'Alsaud','0559988776'),
('Nora', 'Salem', '0532233445'),
('Khaled', 'Hassan', '0567788990'),
('Mona', 'Ali', '0501122334');
```

```
INSERT INTO admin (admin_name, password) VALUES
('Admin1', 'admin_aurahotel');
```

```
INSERT INTO Breakfast (customer_id, breakfast_type, drink_type, break_time, brek_price)
VALUES
(1, 'Vegetarian Breakfast', 'Tea', '07:00:00', 43.00),
(2, 'Continental Breakfast', 'No drink', '07:00:00', 30.00),
(3, 'American Breakfast', 'Coffee', '07:00:00', 50.00),
(4, 'Vegetarian Breakfast', 'Fresh Juice', '07:00:00', 47.00);
```

```
INSERT INTO house_cleaning (customer_id, house_cleaning_state, house_cleaning_price)
VALUES
(1, TRUE, 50.00),
(2, TRUE, 50.00),
(3, FALSE, 0.00),
(4, TRUE, 50.00);
```

```
INSERT INTO reservation (customer_id, first_day, last_day, checkin_time, checkout_time,
login_state, admin_id) VALUES
(1, '2025-06-15', '2025-06-20', '15:00:00', '12:00:00', TRUE, 1),
(2, '2025-07-05', '2025-07-10', '15:00:00', '12:00:00', FALSE, 1),
(3, '2025-08-01', '2025-08-07', '15:00:00', '12:00:00', TRUE, 1),
(4, '2025-09-10', '2025-09-15', '15:00:00', '12:00:00', FALSE, 1);
```

```
CREATE TABLE bed_service (
bed_id INT AUTO_INCREMENT PRIMARY KEY,
customer_id INT NOT NULL,
bed_type VARCHAR(20) NOT NULL,
smart_bed BOOLEAN NOT NULL,
price DECIMAL(10,2) NOT NULL,
FOREIGN KEY (customer_id) REFERENCES customer(customer_id)
);
```

```
CREATE TABLE view_service (
view_id INT AUTO_INCREMENT PRIMARY KEY,
customer_id INT NOT NULL,
view_type VARCHAR(20) NOT NULL,
price DECIMAL(10,2) NOT NULL,
FOREIGN KEY (customer_id) REFERENCES customer(customer_id)
);
```