

```
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)
);
```