* **create database HRM;**
* use HRM;

**1.Create users table**

* create table users (

username varchar(25) primary key,

password varchar(15) not null,

firstname varchar(20) not null,

lastname varchar(20) not null,

dob date not null,

mobile varchar(10) not null,

city varchar(30) not null,

age int not null

);

**2. Create owner\_details table**

* create table owner\_details (

id int auto\_increment primary key,

owner\_name varchar(30) not null,

mobile varchar(12) not null,

alternate\_number varchar(12),

email varchar(50) not null,

plot\_no varchar(5) not null,

country varchar(15) not null,

state varchar(20) not null,

available\_room varchar(20) not null,

deposit\_price decimal(10, 2) not null,

rent decimal(10, 2) not null,

facilities varchar(50) not null,

landmark varchar(30) not null,

address varchar(40) not null

);

**3. Create payments table**

* create table payments (

id int auto\_increment primary key,

payment\_method varchar(20) not null,

amount decimal(10, 2) not null,

payment\_date timestamp default current\_timestamp

);

**4.-- Create customer table**

* create table customers (

id int auto\_increment primary key,

room\_id int not null,

customer\_name varchar(30) not null,

customer\_address varchar(50) not null,

customer\_email varchar(30) not null,

customer\_city varchar(20) not null,

payment\_id int not null,

foreign key (room\_id) references owner\_details(id),

foreign key (payment\_id) references payments(id)

);

**5.-- Create amenities table**

* create table amenities (

id int auto\_increment primary key,

amenity\_name varchar(30) not null,

description text

);

**6.-- Create room\_amenities table to establish many-to-many relationship between rooms and amenities**

* create table room\_amenities (

room\_id int not null,

amenity\_id int not null,

primary key (room\_id, amenity\_id),

foreign key (room\_id) references owner\_details(id),

foreign key (amenity\_id) references amenities(id)

);

**7.** **Insert data into the users table**

* INSERT INTO users (username, password, firstname, lastname, dob, mobile, city, age)

VALUES ('rahul', 'Rahul123', 'Rahul', 'Sharma', '1985-07-10', '9876543210', 'Mumbai', 36),

('priya', 'Priya123', 'Priya', 'Patel', '1990-05-15', '9876543211', 'Delhi', 31),

('amit', 'Amit123', 'Amit', 'Verma', '1988-11-20', '9876543212', 'Bangalore', 33);

**8. Insert data into the owner\_details table**

* INSERT INTO owner\_details (owner\_name, mobile, alternate\_number, email, plot\_no, country, state, available\_room, deposit\_price, rent, facilities, landmark, address)

VALUES ('Rohit', '9876543210', '9876543219', 'rohit@example.com', 'A1', 'India', 'Maharashtra', '1bhk', 10000.00, 5000.00, 'Parking, Lift', 'Near Park', '123, Main Street'),

('Pooja', '9876543211', '9876543218', 'pooja@example.com', 'B2', 'India', 'Delhi', '2bhk', 15000.00, 7000.00, 'Swimming Pool, Gym', 'Near Mall', '456, Avenue Road'),

('Vikas', '9876543212', NULL, 'vikas@example.com', 'C3', 'India', 'Karnataka', '1bhk', 12000.00, 5500.00, 'Security, Clubhouse', 'Near School', '789, Lane Street');

**9. -- Insert data into the payments table**

* INSERT INTO payments (payment\_method, amount)

VALUES ('Cash', 10000.00),

('Credit Card', 15000.00),

('UPI', 12000.00);

**10. -- Insert data into the purchases table**

* INSERT INTO customers (room\_id, customer\_name, customer\_address, customer\_email, customer\_city, payment\_id)

VALUES (1, 'Aakash', 'Flat 101, XYZ Apartment', 'aakash@example.com', 'Mumbai', 1),

(2, 'Neha', 'House 201, ABC Street', 'neha@example.com', 'Delhi', 2),

(3, 'Ritu', 'Villa 301, Park Avenue', 'ritu@example.com', 'Bangalore', 3);

**11. -- Insert data into the amenities table**

* INSERT INTO amenities (amenity\_name, description)

VALUES ('Parking', 'Covered parking space available'),

('Lift', 'Elevator access to all floors'),

('Swimming Pool', 'Community swimming pool'),

('Gym', 'Fitness center with modern equipment');

**12. Insert data into the room\_amenities table**

* INSERT INTO room\_amenities (room\_id, amenity\_id)

VALUES (1, 1), -- Parking

(1, 2), -- Lift

(2, 3), -- Swimming Pool

(2, 4); -- Gym