CREATE TABLE CreditCard (

card\_number INT PRIMARY KEY,

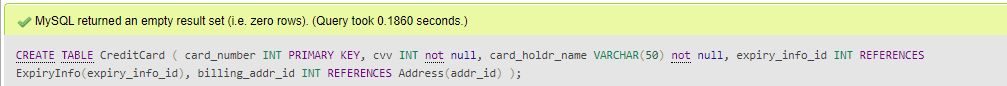
cvv INT not null,

card\_holdr\_name VARCHAR(50) not null,

expiry\_info\_id INT REFERENCES ExpiryInfo(expiry\_info\_id),

billing\_addr\_id INT REFERENCES Address(addr\_id)

);



CREATE TABLE billing\_address (

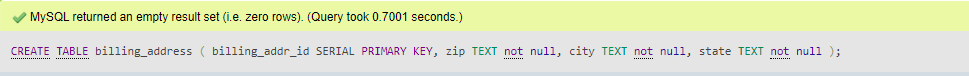
billing\_addr\_id SERIAL PRIMARY KEY,

zip TEXT not null,

city TEXT not null,

state TEXT not null

);



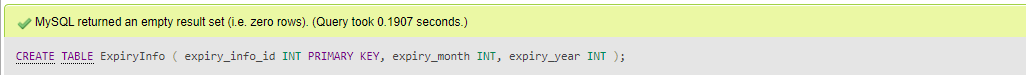
CREATE TABLE ExpiryInfo (

expiry\_info\_id INT PRIMARY KEY,

expiry\_month INT not null,

expiry\_year INT not null

);



CREATE TABLE Address (

addr\_id INT PRIMARY KEY,

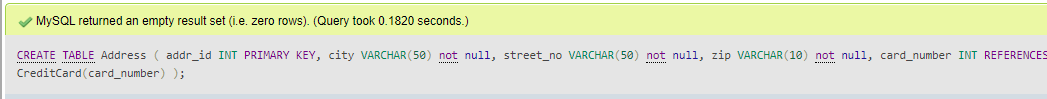
city VARCHAR(50) not null,

street\_no VARCHAR(50) not null,

zip VARCHAR(10) not null,

card\_number INT REFERENCES CreditCard(card\_number)

);



CREATE TABLE ProspectiveRenter (

prospectiverenterid INT PRIMARY KEY,

rewards\_points INT not null,

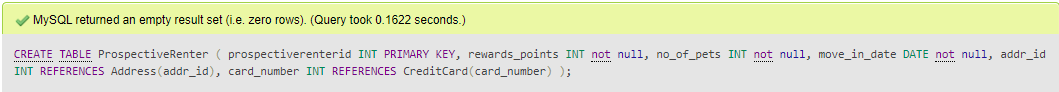
no\_of\_pets INT not null,

move\_in\_date DATE not null,

addr\_id INT REFERENCES Address(addr\_id),

card\_number INT REFERENCES CreditCard(card\_number)

);



CREATE TABLE RentalPreference (

rental\_preferenceid INT PRIMARY KEY,

city VARCHAR(50) not null,

budget DECIMAL(10,2) not null,

state VARCHAR(50) not null,

move\_in\_date DATE not null,

prospectiverenterid INT REFERENCES ProspectiveRenter(prospectiverenterid)

);



CREATE TABLE Users (

user\_id INT PRIMARY KEY,

age INT not null,

dob DATE not null,

password VARCHAR(50) not null,

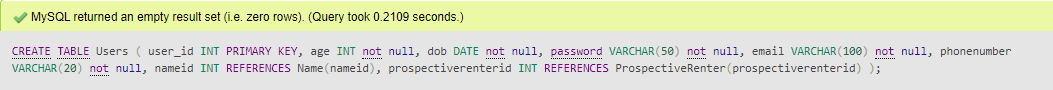
email VARCHAR(100) not null,

phonenumber VARCHAR(20) not null,

nameid INT REFERENCES Name(nameid),

prospectiverenterid INT REFERENCES ProspectiveRenter(prospectiverenterid)

);



CREATE TABLE Name (

nameid INT PRIMARY KEY,

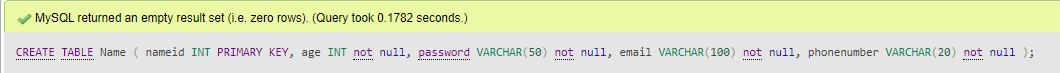
age INT not null,

password VARCHAR(50) not null,

email VARCHAR(100) not null,

phonenumber VARCHAR(20) not null

);



CREATE TABLE Agent (

agent\_id INT PRIMARY KEY,

agency\_name VARCHAR(50) not null,

rating DECIMAL(3,2) not null,

experience INT not null,

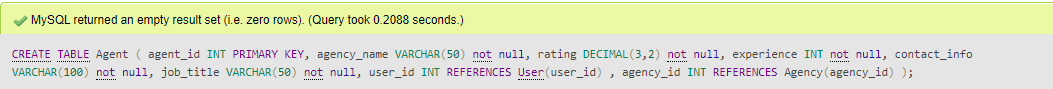
contact\_info VARCHAR(100) not null,

job\_title VARCHAR(50) not null,

user\_id INT REFERENCES User(user\_id) ,

agency\_id INT REFERENCES Agency(agency\_id)

);

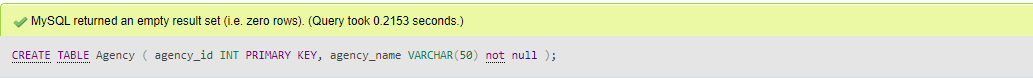


CREATE TABLE Agency (

agency\_id INT PRIMARY KEY,

agency\_name VARCHAR(50) not null

);



CREATE TABLE lease\_agreement (

lease\_id INTEGER PRIMARY KEY,

user\_sign VARCHAR(255) not null,

move\_in\_date DATE not null,

lease\_period INTEGER not null,

move\_out\_date DATE not null,

agency\_id INTEGER not null

);



CREATE TABLE reward\_program (

id INTEGER PRIMARY KEY,

Expirationpolicy VARCHAR(255) not null,

EligiblityCriteria VARCHAR(255) not null,

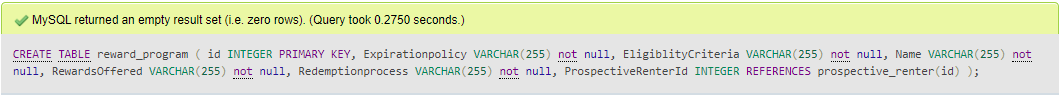
Name VARCHAR(255) not null,

RewardsOffered VARCHAR(255) not null,

Redemptionprocess VARCHAR(255) not null,

ProspectiveRenterId INTEGER REFERENCES prospective\_renter(id)

);



CREATE TABLE reward\_point (

Reward\_points\_ID INTEGER PRIMARY KEY,

User\_ID INTEGER REFERENCES users(id),

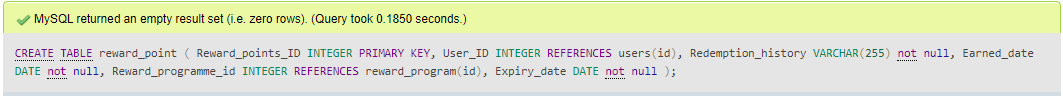
Redemption\_history VARCHAR(255) not null,

Earned\_date DATE not null,

Reward\_programme\_id INTEGER REFERENCES reward\_program(id),

Expiry\_date DATE not null

);



CREATE TABLE property\_booking (

PropertyBookingsid INTEGER PRIMARY KEY,

check\_in\_date DATE not null,

check\_out\_date DATE not null,

renter\_id INTEGER REFERENCES renter(id),

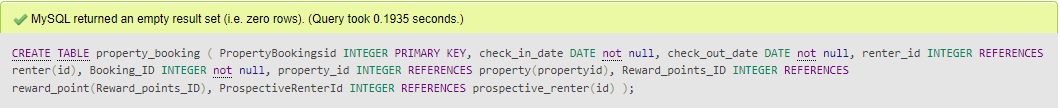
Booking\_ID INTEGER not null,

property\_id INTEGER REFERENCES property(propertyid),

Reward\_points\_ID INTEGER REFERENCES reward\_point(Reward\_points\_ID),

ProspectiveRenterId INTEGER REFERENCES prospective\_renter(id)

);

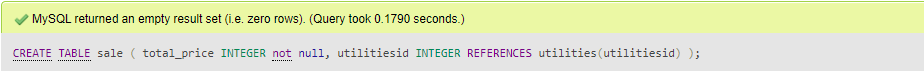


CREATE TABLE sale (

total\_price INTEGER not null,

utilitiesid INTEGER REFERENCES utilities(utilitiesid)

);



CREATE TABLE utilities (

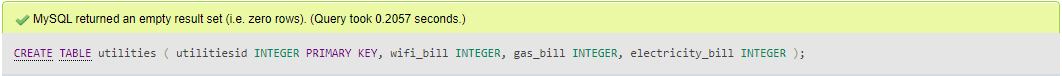
utilitiesid INTEGER PRIMARY KEY,

wifi\_bill INTEGER not null,

gas\_bill INTEGER not null,

electricity\_bill INTEGER not null

);



CREATE TABLE rental (

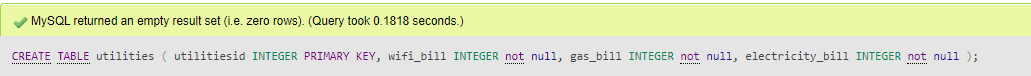
rentalid INTEGER PRIMARY KEY,

monthly\_rental\_price INTEGER not null,

deposit INTEGER not null,

utilitesid INTEGER REFERENCES utilities(utilitiesid)

);



CREATE TABLE property (

propertyid INTEGER PRIMARY KEY,

square\_foot INTEGER not null,

property\_type VARCHAR(255) not null,

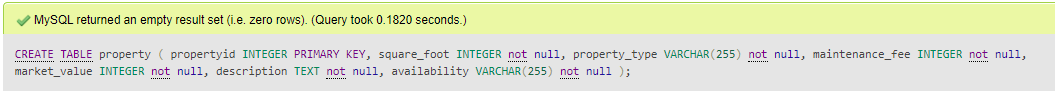
maintenance\_fee INTEGER not null,

market\_value INTEGER not null,

description TEXT not null,

availability VARCHAR(255) not null

);



CREATE TABLE land (

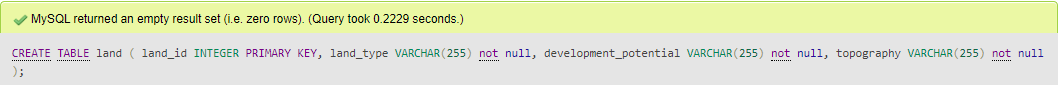
land\_id INTEGER PRIMARY KEY,

land\_type VARCHAR(255) not null,

development\_potential VARCHAR(255) not null,

topography VARCHAR(255) not null

);



CREATE TABLE commercial\_building (

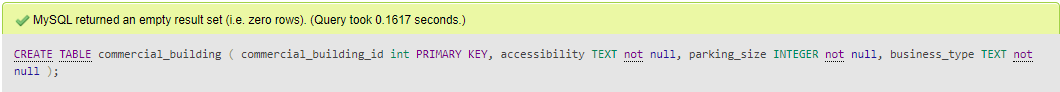
commercial\_building\_id int PRIMARY KEY,

accessibility TEXT not null,

parking\_size INTEGER not null,

business\_type TEXT not null

);



CREATE TABLE apartment (

apartment\_id SERIAL PRIMARY KEY,

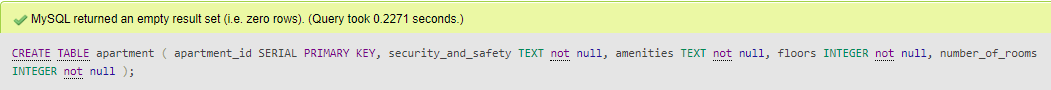
security\_and\_safety TEXT not null,

amenities TEXT not null,

floors INTEGER not null,

number\_of\_rooms INTEGER not null

);



CREATE TABLE house (

house\_no SERIAL PRIMARY KEY,

security TEXT not null

);

