1)

Code for tables and images from database for insurance

DROP TABLE IF EXISTS claim

CREATE TABLE claim

(

Claim\_ID\_Number varchar(100) not null primary key,

Claim\_Receipt\_Date date not null default current\_date,

Claim\_Description varchar(255),

Claimant\_Birth\_Date date not null default current\_date,

Law\_Suit\_Indicator char(10),

Claimant\_First\_Name varchar(255),

Claimant\_Last\_Name varchar(255),

Policy\_Number varchar(150),

Claimant\_Occupation varchar(255),

Loss\_Date date not null default current\_date,

Claim\_Amount decimal(25,2),

Claim\_Paid\_Amount decimal(25,2) null,

Claim\_Paid\_Date date null default current\_date

);

INSERT INTO claim

VALUES ('C123450000', '12/5/20', 'Automobile\_accident', '8/1/75' , 'N' , 'Joe' , 'Smith', 'P987654321', 'Physician', '12/4/20', '5000.00',NULL, NULL),

('C123441000', '8/5/19', 'Automobile\_accident', '8/1/75', 'N', 'Joe' , 'Smith', 'P987654321', 'Physician', '8/2/19', '7600.00', '7100.00', '9/5/19'),

('C123440000', '10/15/20', 'Robbery' , '3/20/86' ,'N', 'Mary', 'Roberts', 'P987654111', 'Not provided', '10/1/20', '25000.00', '20000.00', '11/5/20'),

('C345478900', '7/13/20' ,'Property', '5/27/90' ,'N' ,'Aditya', 'Reddy', 'P987654222', 'Business\_Owner', '7/12/20', '10000.00', '8000.00', '8/12/20');

DROP TABLE IF EXISTS customer1;

CREATE TABLE customer1(

Customer\_ID\_Number varchar(100) not null primary key,

Customer\_First\_Name varchar(255),

Customer\_Last\_Name varchar(255),

Customer\_Type varchar(150),

Business\_Name varchar(255),

Address\_Street\_Name\_Line\_One varchar(255),

Address\_City varchar(255),

Address\_State varchar(255),

Address\_Postal\_Code varchar(100),

Address\_Type varchar(100),

Customer\_Birth\_Date date ,

Risk\_Score int

);

INSERT into customer1

VALUES(777543325, 'Mary', 'Roberts', 'Individual', NULL, '123 Main Street',NULL, 'Chicago', 'Illinois', 60007, 'Residential', '3/20/86',75) ,

(777543800, 'Joe', 'Smith', 'Individual', NULL, '123 Park Avenue',NULL, 'New York', 'New York', 10017, 'Residential', '2/27/63', 70),

(776983401, 'Aditya', 'Reddy', 'Business' ,'ABC Systems' ,'222 Hyde Street', 'Floor 2', 'San Francisco', 'California' ,94123 ,'Business', NULL ,50);

DROP TABLE IF EXISTS policy\_detail;

CREATE TABLE policy\_detail(

Customer\_ID\_Number varchar(100) not null,

Policy\_Number varchar(100) not null,

Policy\_Effective\_Date date,

Policy\_Expiration\_Date date,

Policy\_Limit decimal(15,2),

Policy\_Type varchar(50),

Currency\_Type char(3),

Premium\_Cost decimal(25,2)

);

INSERT INTO policy\_detail

VALUES

(777543800, 'P987654321', '2/11/20', '2/11/21', 500000.00, 'Automobile', 'USD',2600.00 ),

(777543800, 'P987654321', '2/11/19', '2/11/20', 500000.00, 'Automobile', 'USD', 2300.00),

(777543800, 'P987654321', '2/11/18', '2/11/19', 500000.00, 'Automobile', 'USD', 2150.00),

(777543800, 'P987654321', '2/11/17', '2/11/18', 500000.00, 'Automobile', 'USD', 2100.00),

(777543325, 'P987654111', '3/15/20', '3/15/21', 5000000.00,'Excess/Umbrella', 'USD', 5500.00),

(776983401, 'P987654222', '6/15/20', '6/15/20', 3000000.00, 'Property', 'USD' ,10000.00);

DROP TABLE IF EXISTS reserves;

CREATE TABLE reserves(

Customer\_ID\_Number varchar(100) not null,

Policy\_Number varchar(100) not null,

reserved\_Amount decimal(15,2),

reserved\_date date not null,

primary key(reserved\_date )

);

Insert into reserves

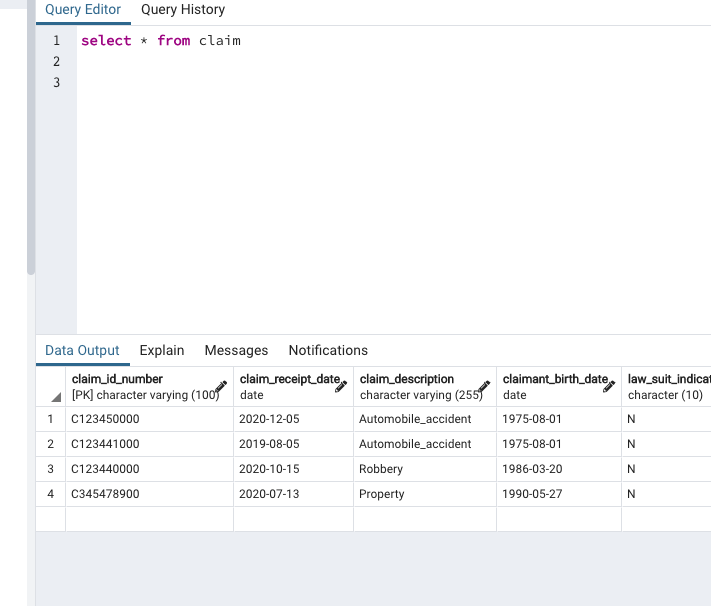
Values (777543325, 'P987654111', 5000.00, '3/15/20'),

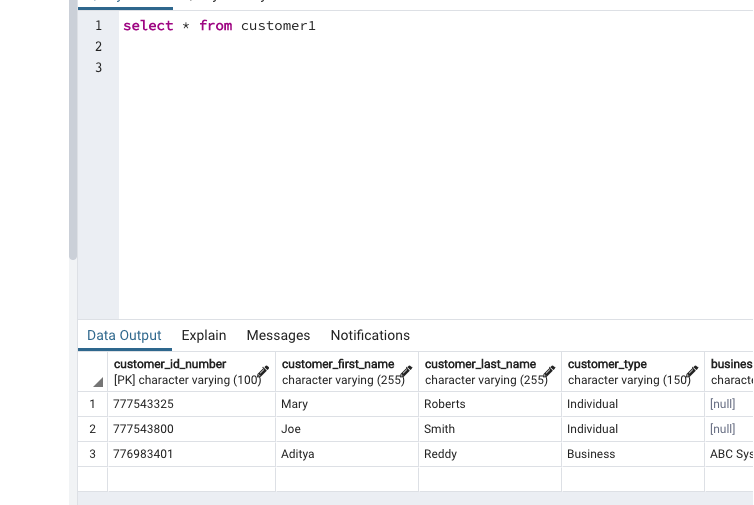
(776983401, 'P987654222', 7000.00, '6/15/20'),

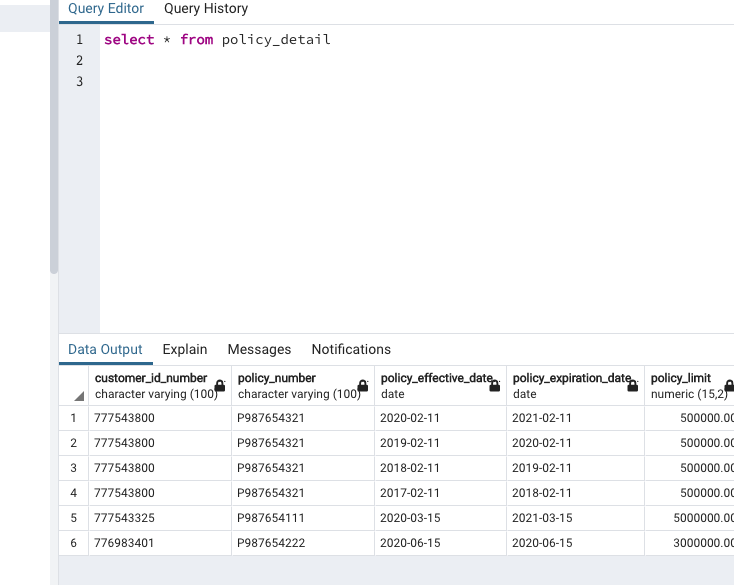
(777543800, 'P987654321', 1500.00, '2/11/17'),

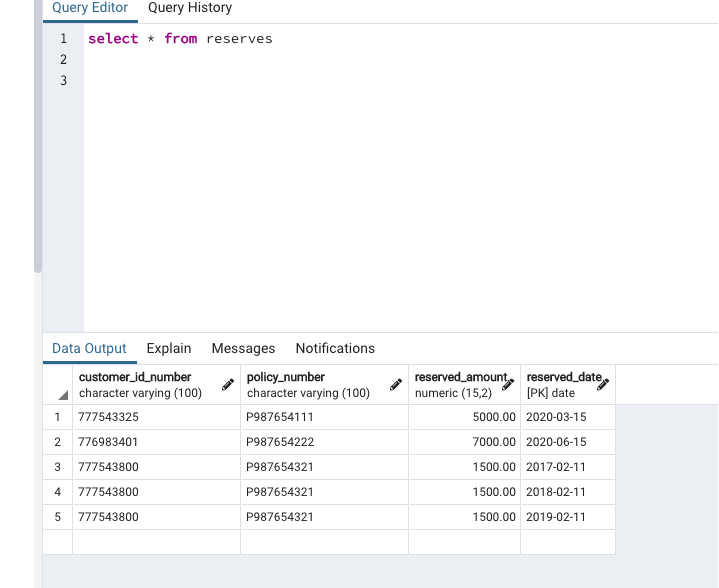
(777543800, 'P987654321' ,1500.00, '2/11/18'),

(777543800, 'P987654321', 1500.00, '2/11/19');



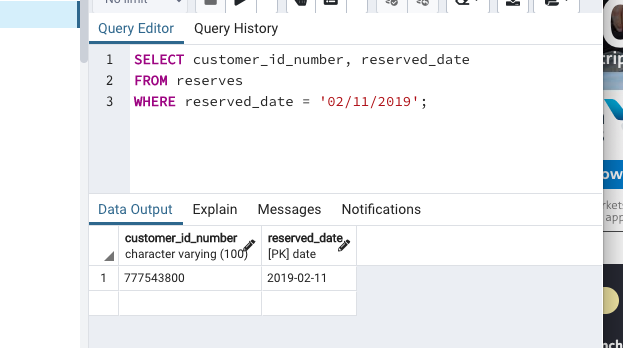




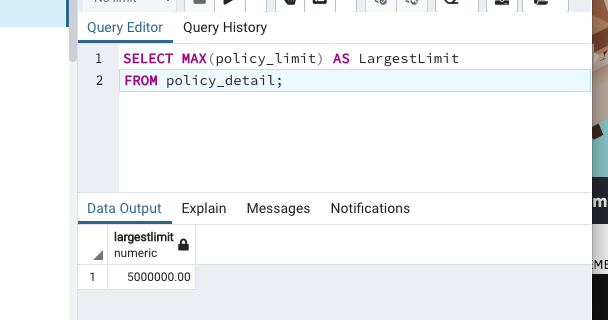


5 SQLS:

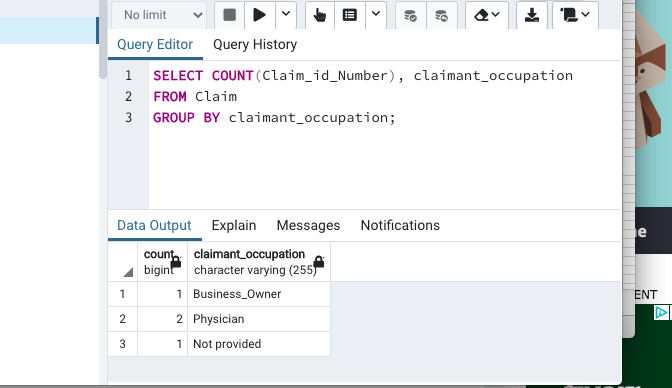
1. What is the customer id number who had a reserve date on 02/11/2019 ?



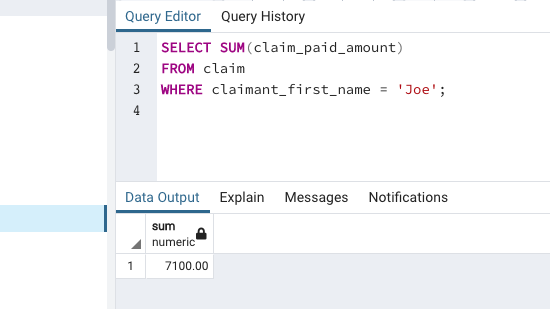
1. Find the highest policy limit.



1. List how many claimants belong in each occupation listed in the claims table.



1. Find the total amount of paid claims that all claimants named Joe received.



1. Find the common column on Customer1 Table and Reserves, and use the join command to join customer1 onto reserves.

