drop table if exists PASSENGER;

drop table if exists PAYMENTINFO;

drop table if exists BOOKING;

drop table if exists DRIVER;

drop table if exists VEHICLE;

drop table if exists TRIP;

CREATE TABLE PASSENGER

( C\_fname VARCHAR(20) NOT NULL,

C\_lname VARCHAR(20) NOT NULL,

C\_ID INT NOT NULL,

C\_phnum BIGINT NOT NULL,

C\_email VARCHAR(30),

C\_AddrStreet VARCHAR(50) NOT NULL,

C\_AddrCity VARCHAR(50) NOT NULL,

C\_AddrSt CHAR(2) NOT NULL,

C\_AddrZip INT NOT NULL,

PRIMARY KEY (C\_ID) );

CREATE TABLE PAYMENTINFO

( Pymnt\_ID SERIAL,

Pymnt\_Type VARCHAR(10) NOT NULL,

CC\_Num BIGINT NOT NULL,

CC\_Exp INT NOT NULL,

PRIMARY KEY (CC\_Num));

CREATE TABLE TRIP

( Trip\_ID INT NOT NULL,

Origin VARCHAR(20) NOT NULL,

Destination VARCHAR(20) NOT NULL,

Est\_Dur VARCHAR(5) NOT NULL,

Trip\_Price INT NOT NULL,

PRIMARY KEY (TRIP\_ID) );

CREATE TABLE DRIVER

( C\_fname VARCHAR(20) NOT NULL,

C\_lname VARCHAR(20) NOT NULL,

DL\_Num CHAR(7) NOT NULL,

D\_email VARCHAR(30) NOT NULL,

PRIMARY KEY (DL\_Num) );

CREATE TABLE VEHICLE

( VIN\_Num BIGINT NOT NULL,

Reg\_Num CHAR(10) NOT NULL,

Make VARCHAR(20) NOT NULL,

Model VARCHAR(20) NOT NULL,

Color VARCHAR(10) NOT NULL,

VType VARCHAR(15) NOT NULL,

Dvr\_DLNum CHAR(7) NOT NULL,

PRIMARY KEY (VIN\_Num),

UNIQUE (Reg\_Num),

FOREIGN KEY (Dvr\_DLNum) REFERENCES DRIVER(DL\_Num) );

CREATE TABLE BOOKING

( CID INT NOT NULL,

Dvr\_CVIN INT NOT NULL,

Tp\_ID INT NOT NULL,

PU\_DateTime TIMESTAMP NOT NULL,

Pymt\_Mode VARCHAR(4) NOT NULL,

Pay\_ID INT,

PRIMARY KEY (CID, Dvr\_CVIN,Tp\_ID),

FOREIGN KEY (CID) REFERENCES PASSENGER(C\_ID),

FOREIGN KEY (Dvr\_CVIN) REFERENCES VEHICLE(VIN\_Num),

FOREIGN KEY (Tp\_ID) REFERENCES TRIP(TRIP\_ID));

INSERT INTO PASSENGER

VALUES ('Anne','Roberts',01,8015562239,'AR@test.com','123 Thomas St.','Toledo','OH',57556),

('Robert','Schulls',02,8015522943,'RoSh@test.com','234 Pines St.','Los Angeles','CA',34898),

('John','Peters',03,8013932230,'JPet@test.com','345 Star St.','Raleigh','NC',79999),

('Bryan','Brown',04,8019332320,'Bryan1@test.com','435 Palm St.','Miami','FL',30533),

('Mark','Williams',05,8013432320,'mw@test.com','348 Andrew St.','Fort Lauderdale','FL',33318),

('Carol','Phillips',06,8013232320,'carolp@test.com','395 Pine St.','Omaha','NE',88899),

('Madison','Parker',07,8014932203,NULL,'285 Diamond St.','San Diego','CA',99977),

('Justin','Colano',08,8011932320,'JCol@test.com','223 Easy St.','Tampa','FL',66798),

('Claudia','Stevens',09,8013032222,'ClauS@test.com','775 Main St.','Saint Louis','MO',99878),

('Arthur','Hooper',10,3139122101,'ahoop@test.com','456 Rose St.','Las Vegas','NV',17878),

('Sergio','Ryan',11,8012286729,'sergior@test.com','567 Spruce St.','Lincoln','NE',87898),

('Julia','Maverick',12,3138882497,NULL,'678 Tulip St.','Raleigh','NC',79999),

('Brandon','Gordon',13,7541111111,'bgor@test.com','789 First St.','Miami','FL',30533),

('Maurice','Vernon',14,9549549541,NULL,'49s Mark St.','Hollywood','FL',33252);

INSERT INTO PAYMENTINFO

VALUES (001,'CreditCard',546876546546,0724),

(002,'CreditCard',865498479879,0123),

(003,'CreditCard',064068489999,0725),

(004,'CreditCard',540654865761,0827),

(005,'CreditCard',464899843110,1026),

(006,'CreditCard',648984946554,1127),

(007,'CreditCard',654898988788,0323),

(008,'CreditCard',654899879788,0428);

INSERT INTO DRIVER

VALUES ('John','Jones',4690000,'jj@test.com'),

('Albert','Peters',4585000,'alpet@test.com'),

('Carl','Rowe',3115000,'carlr@test.com'),

('Jose','Mejia',4925000,'Jose.mejia@test.com'),

('William','Gates',4650000,'wg@test.com'),

('Robert','Clark',4445000,'rc@test.com'),

('Joseph','Warnock',9950000,'jwarn@test.com'),

('Lisa','Stuart',1475000,'Lisa2020@test.com'),

('Peter','Rose',1268645,'pr@test.com'),

('Vanessa','Rogers',8865465,'vrogers@test.com');

INSERT INTO VEHICLE

VALUES (1001,5608936145,'Chevrolet','Cruze','Silver','Sedan',1475000),

(1002,6854968665,'Ford','Fusion','Blue','Sedan',4650000),

(1003,8887946455,'Toyota','Corolla','Silver','Sedan',3115000),

(1004,8946546564,'Honda','Civic','Black','Mini',4585000),

(1005,8979806546,'Honda','Accord','Green','Sport',9950000),

(1006,9840654064,'Honda','Accord','Black','Sedan',4690000),

(1007,4066545654,'Toyota','Camry','Green','Sport',8865465),

(1008,8981310366,'Chevrolet','Traverse','Navy','Sport',4925000),

(1009,7787413154,'Toyota','Corolla','Red','Mini',1268645),

(1010,5086455000,'Ford','Scape','Red','Sedan',4445000);

INSERT INTO TRIP

VALUES (001,'Fort Lauderdale','Sunrise','20:50',25.00),

(002,'Aventura','Hollywood','15:00',15.00),

(003,'Hialeah','Miami Beach','30:00',40.00),

(004,'South Beach','Downtown Miami','17:14',27.00),

(005,'Pembroke Pines','Weston','15:14',14.00),

(006,'Miami Airport','El Doral','23:53',18.00),

(007,'Kendall','El Doral','32:00',30.00),

(008,'Downtown Miami','Wynwood','10:19',22.00),

(009,'Brickell','Little Havana','16:00',27.00),

(010,'Coral Way','El Doral','20:00',25.00),

(011,'Dania Beach','Hollywood','10:00',12.00),

(012,'Cooper City','Miramar','18:00',23.00),

(013,'Miramar','Coral Spring','25:00',28.00),

(014,'Coconut Creek','Coral Spring','18:10',22.00),

(015,'Lauderhill','Miramar','25:10',27.00),

(016,'Margate','Tamarac','10:00',15.00),

(017,'Davie','Fort Lauderdale','27:00',30.00);

INSERT INTO BOOKING

VALUES (07,1002,006,'03/03/2020 10:00 AM','Cash',NULL),

(04,1006,001,'03/15/2020 03:25 PM','CC',001),

(10,1002,007,'03/25/2020 08:15 PM','CC',002),

(11,1001,010,'04/07/2020 02:00 PM','CC',003),

(13,1007,007,'04/09/2020 05:00 PM','CC',004),

(07,1010,006,'04/11/2020 08:00 AM','Cash',NULL),

(05,1002,008,'04/11/2020 03:20 PM','CC',005),

(06,1003,003,'04/11/2020 11:00 PM','CC',006),

(08,1004,007,'04/22/2020 09:00 PM','CC',007),

(09,1005,005,'04/28/2020 01:33 PM','CC',008),

(12,1002,006,'04/29/2020 03:40 PM','Cash',NULL),

(03,1009,006,'05/01/2020 07:00 AM','Cash',NULL),

(06,1010,010,'05/01/2020 04:00 PM','CC',007),

(05,1008,006,'05/02/2020 11:00 AM','Cash',NULL),

(01,1006,015,'05/10/2020 07:00 PM','Cash',NULL);