CREATE TABLE Customer

(

Cid INT primary key,

FLname VARCHAR(20) NOT NULL,

Phone varchar(20) ,

Address VARCHAR(40),

Gender VARCHAR(10) NOT NULL,

Age INT NOT NULL

);

CREATE TABLE owner

(

Owner\_id INT PRIMARY KEY,

Ownertype VARCHAR(20) default 'individual'

);

CREATE TABLE Car

(

Owner\_id int,

License\_no varchar(20) NOT NULL,

V\_id varchar(20) PRIMARY KEY,

YEAR INT NOT NULL,

MODEL VARCHAR(20) NOT NULL,

Location VARCHAR(20) ,

Daily\_rate INT NOT NULL,

Weekly\_rate INT NOT NULL,

Cid INT ,

Car\_type VARCHAR(20) NOT NULL,

FOREIGN KEY (Owner\_id) REFERENCES owner (Owner\_id) ON UPDATE CASCADE

);

CREATE TABLE COMPACT

(

V\_id varchar(20),

No\_seats INT NOT NULL,

Milege INT NOT NULL,

Reg\_no VARCHAR(20) PRIMARY KEY,

FOREIGN KEY (V\_id) REFERENCES Car (V\_id) ON UPDATE CASCADE

);

CREATE TABLE Medium

(

V\_id varchar(20),

Milege INT NOT NULL,

No\_seats INT NOT NULL,

Reg\_no VARCHAR(20) PRIMARY KEY,

FOREIGN KEY (V\_id) REFERENCES Car (V\_id) ON UPDATE CASCADE

);

CREATE TABLE suv

(

V\_id varchar(20),

Milege INT NOT NULL,

Drivemode VARCHAR(20),

Reg\_no VARCHAR(20) PRIMARY KEY,

FOREIGN KEY (V\_id) REFERENCES Car (V\_id) ON UPDATE CASCADE

);

CREATE TABLE Large

(

V\_id varchar(20),

Milege INT NOT NULL,

No\_seats INT NOT NULL,

Reg\_no VARCHAR(20) PRIMARY KEY,

FOREIGN KEY (V\_id) REFERENCES Car (V\_id) ON UPDATE CASCADE

);

CREATE TABLE Truck

(

V\_id varchar(20),

Transmission VARCHAR(20) NOT NULL,

Weight\_capacity INT ,

Reg\_no VARCHAR(20) PRIMARY KEY,

FOREIGN KEY (V\_id) REFERENCES Car (V\_id) ON UPDATE CASCADE

);

CREATE TABLE Van

(

V\_id varchar(20),

No\_seats INT NOT NULL,

Reg\_no VARCHAR(20) PRIMARY KEY,

FOREIGN KEY (V\_id) REFERENCES Car (V\_id) ON UPDATE CASCADE

);

CREATE TABLE company

(

Owner\_id INT,

C\_addr VARCHAR(20),

C\_name VARCHAR(20) PRIMARY KEY,

FOREIGN KEY (Owner\_id) REFERENCES owner(Owner\_id) ON UPDATE CASCADE

);

CREATE TABLE Bank

(

Owner\_id INT,

B\_id INT PRIMARY KEY,

B\_addr VARCHAR(20),

FOREIGN KEY (Owner\_id) REFERENCES Owner(Owner\_id) ON UPDATE CASCADE

);

CREATE TABLE Individual

(

Owner\_id INT,

I\_name VARCHAR(20) ,

I\_addr VARCHAR(20),

I\_ssn INT PRIMARY KEY,

FOREIGN KEY (Owner\_id) REFERENCES Owner(Owner\_id) ON UPDATE CASCADE

);

CREATE TABLE Rentals

(

V\_id varchar(20),

Cid INT,

Rental\_idi VARCHAR(40) PRIMARY KEY,

Amount\_paid INT ,

FOREIGN KEY (V\_id) REFERENCES Car (V\_id) ON UPDATE CASCADE,

FOREIGN KEY(Cid) REFERENCES Customer (Cid) ON UPDATE CASCADE

);

CREATE TABLE daily

(

Rental\_id VARCHAR(40) PRIMARY KEY,

Rental\_idi VARCHAR(40),

D\_sdate date,

No\_days INT ,

D\_rdate date,

Amt\_due INT ,

FOREIGN KEY(Rental\_idi) REFERENCES Rentals (Rental\_idi) ON UPDATE CASCADE

);

CREATE TABLE weekly

(

Rental\_id VARCHAR(40) PRIMARY KEY,

Rental\_idi VARCHAR(40),

W\_start\_dt date,

No\_weeks INT ,

W\_Rdate date,

Amt\_due INT,

FOREIGN KEY(Rental\_idi) REFERENCES Rentals (Rental\_idi) ON UPDATE CASCADE

);