/\* create 1st table of the database \*/

CREATE TABLE customer (

CustID INT NOT NULL PRIMARY KEY,

FirstName VARCHAR(12) NOT NULL,

LastName VARCHAR(14) NOT NULL

);

/\* create 2nd table of the database \*/

CREATE TABLE vehicle (

VIN VARCHAR(10) PRIMARY KEY,

Make VARCHAR(15),

Model VARCHAR(20),

Year INT,

Veh\_CustID INT NOT NULL,

FOREIGN KEY(Veh\_CustID) REFERENCES customer(CustID)

);

/\* create 3rd table of the database \*/

CREATE TABLE repair (

RepairID INT PRIMARY KEY,

StartDate DATE,

EndDate DATE,

Rep\_CustID INT NOT NULL,

Rep\_VIN VARCHAR(10),

FOREIGN KEY(Rep\_CustID) REFERENCES customer(CustID),

FOREIGN KEY(Rep\_VIN) REFERENCES vehicle(VIN)

);

/\* insert 2 rows of data into the customer table \*/

INSERT INTO customer (CustID, FirstName, LastName) VALUES

(1, “Guilherme”, “Osorio”),

(2, “Carl”, “Rebman”);

/\* insert 2 rows of data into the vehicle table \*/

INSERT INTO vehicle (VIN, Make, Model, Year, Veh\_CustID) VALUES

(“4Y1SL65848”, “BMW”, “X1”, 2020, 1),

(“4Y1SL65849”, “Toyota”, “Corolla”, 2002, 2);

/\* insert 2 rows of data into the repair table \*/

INSERT INTO repair (RepairID, StartDate, EndDate, Rep\_CustID, Rep\_VIN) VALUES

(21, “20210225”, “20210228”, 1, “4Y1SL65848”),

(22, “20210226”, “20210301”, 2, “4Y1SL65849”);