ALTER TABLE EMPLOYEE

DROP (OutNo);

DROP TABLE FAULTREPORT;

DROP TABLE RAGREEMENT;

DROP TABLE CLIENT;

DROP TABLE VEHICLE;

DROP TABLE OUTLET;

DROP TABLE EMPLOYEE;

CREATE TABLE OUTLET

(OutNo CHAR(7),

Street VARCHAR2(30),

City VARCHAR2(20),

State VARCHAR2(20),

ZipCode VARCHAR2(10),

Phone VARCHAR2(25),

ManagerNo CHAR(7),

CONSTRAINT OUTLET\_OutNo\_PK PRIMARY KEY (OutNo));

CREATE TABLE EMPLOYEE

(EmpNo CHAR(7),

Fname VARCHAR2(25),

Lname VARCHAR2(25),

Position VARCHAR2(25),

Phone VARCHAR2(25),

Email VARCHAR2(25),

DOB DATE,

Gender VARCHAR2(10),

Salary NUMBER(10,2),

HireDate DATE DEFAULT SYSDATE,

OutNo CHAR(7),

SupervisorNo CHAR(7),

CONSTRAINT EMPLOYEE\_EmpNo\_PK PRIMARY KEY (EmpNo),

CONSTRAINT EMPLOYEE\_OutNo\_FK FOREIGN KEY (OutNo) REFERENCES OUTLET (OutNo),

CONSTRAINT EMPLOYEE\_DOB\_HireDate\_CK CHECK (HireDate >= DOB),

CONSTRAINT EMPLOYEE\_SupervisorNo\_FK FOREIGN KEY (SupervisorNo) REFERENCES EMPLOYEE (EmpNo));

ALTER TABLE OUTLET

ADD CONSTRAINT OUTLET\_ManagerNo\_FK

FOREIGN KEY (ManagerNo) REFERENCES EMPLOYEE (EmpNo);

CREATE TABLE VEHICLE

(LicenseNo CHAR(8),

Make VARCHAR2(20),

Model VARCHAR2(20),

Color VARCHAR2(20),

Year NUMBER(4),

NoDoors NUMBER(2),

Capacity NUMBER(2),

DailyRate NUMBER(4,2),

InspectionDate DATE,

OutNo CHAR(7),

CONSTRAINT Vehicle\_LicenseNo\_PK PRIMARY KEY (LicenseNo),

CONSTRAINT Vehicle\_OutNo\_FK FOREIGN KEY (OutNo) REFERENCES OUTLET (OutNo),

CONSTRAINT Vehicle\_Age\_CK CHECK (2018 - Year <= 10));

CREATE TABLE CLIENT

(ClientNo CHAR(7),

ClientName VARCHAR2(50),

Street VARCHAR2(50),

City VARCHAR2(20),

State VARCHAR2(2),

ZipCode VARCHAR2(5),

WebAddress VARCHAR2(50),

Contact\_FName VARCHAR2(20),

Contact\_LName VARCHAR2(20),

Phone VARCHAR2(25),

Email VARCHAR2(40),

CONSTRAINT Client\_ClientNo\_PK PRIMARY KEY (ClientNo));

CREATE TABLE RAGREEMENT

(RentalNo CHAR(7),

StartDate DATE,

ReturnDate DATE,

MileageBefore NUMBER(6),

MileageAfter NUMBER(6),

InsuranceType VARCHAR2(100),

ClientNo CHAR(7),

LicenseNo CHAR(8),

CONSTRAINT Ragreement\_RentalNo\_PK PRIMARY KEY (RentalNo),

CONSTRAINT Ragreement\_ClientNo\_FK FOREIGN KEY (ClientNo) REFERENCES ClIENT (ClientNo),

CONSTRAINT Ragrement\_LicenseNo\_FK FOREIGN KEY (LicenseNo) REFERENCES VEHICLE (LicenseNo),

CONSTRAINT Ragreement\_ReturnDate\_CK CHECK (ReturnDate >= StartDate),

CONSTRAINT Ragreement\_Mileage\_CK CHECK (MileageAfter >= MileageBefore));

CREATE TABLE FAULTREPORT

(ReportNum CHAR(7),

DateChecked DATE,

Comments VARCHAR2(50),

EmpNo CHAR(7),

LicenseNo CHAR(8),

RentalNo CHAR(7),

CONSTRAINT FAULTREPORT\_ReportNum\_PK PRIMARY KEY (ReportNum),

CONSTRAINT FAULTREPORT\_EmpNo\_FK FOREIGN KEY (EmpNo) REFERENCES EMPLOYEE (EmpNo),

CONSTRAINT FAULTREPORT\_LicenseNo\_FK FOREIGN KEY (LicenseNo) REFERENCES VEHICLE (LicenseNo),

CONSTRAINT FAULTREPORT\_RentalNo\_FK FOREIGN KEY (RentalNo) REFERENCES RAGREEMENT (RentalNo));