Part 2 – Queries (Upload Tables First. CREATE & INSERT Queries are below)

-- 1. List the reservations made for after February 15, 2022.

SELECT \*

FROM RESERVATION

WHERE BOOKING\_DATE >= '15-Feb-2022'

Text

Description automatically generated

-- 2. Find the total number of no-shows, that is, customers who made reservations, but no rental contracts were created by the end of the time period mentioned in Phase 1.

SELECT CX.FULL\_NAME, C.CONTRACT\_ID, R.\*

FROM RESERVATION R

LEFT JOIN CONTRACT C ON R.RESERVATion\_ID = C.RESERVATION\_ID

LEFT JOIN CUSTOMER CX ON R.CUSTOMER\_ID = CX.CUSTOMER\_ID

WHERE C.RESERVATION\_ID IS NULL

Text

Description automatically generated

-- 3. List the names and cell phone numbers of all customers who made reservations for SUVs.

SELECT C.FULL\_NAME, C.PHONE\_NUMBER, R.\*

FROM RESERVATION R

LEFT JOIN CUSTOMER C ON R.CUSTOMER\_ID = C.CUSTOMER\_ID

WHERE R.BOOKED\_CAR\_TYPE = 'SUV'

A picture containing text

Description automatically generated

-- 4. List the names of the customers and the total amount of each rental for all rentals of a compact car since January 1st, 2022

SELECT CX.CUSTOMER\_ID, CX.FULL\_NAME, C.TYPE\_OF\_CAR\_RENT, SUM(C.TOTAL\_PURCHASE\_AMOUNT) AS TOTAL\_AMOUNT

FROM CONTRACT C

LEFT JOIN RESERVATION R ON C.RESERVATION\_ID = R.RESERVATION\_ID

LEFT JOIN CUSTOMER CX ON R.CUSTOMER\_ID = CX.CUSTOMER\_ID

WHERE C.TYPE\_OF\_CAR\_RENT = 'Compact' AND R.BOOKING\_DATE >= '01-JAN-2022'

GROUP BY CX.CUSTOMER\_ID, CX.FULL\_NAME, C.TYPE\_OF\_CAR\_RENT

Graphical user interface, text

Description automatically generated

-- 5. Provide the total number of cars by category (compact, mid-sized, etc.) held by Ames Rental Car.

SELECT TYPE\_OF\_CAR, COUNT(INVENTORY\_ID) AS COUNT\_OF\_CAR

FROM CAR\_INVENTORY

GROUP BY TYPE\_OF\_CAR

Graphical user interface, text, application

Description automatically generated

-- 6. Provide the number of rental cars (total) that are available to rent, as of March 3rd, 2022.

SELECT COUNT(INVENTORY\_ID) AS Count\_of\_Available\_Cars

FROM CAR\_INVENTORY

WHERE DATE\_OUT < = '03-Mar-2022'

Graphical user interface, text, application, email

Description automatically generated

-- 7. Provide the total revenue earned in rentals for the company from the period of February 1st, 2022-February 28th, 2022.

SELECT SUM(FINAL\_PAYMENT) AS FEBRUARY\_REVENUE

FROM RECEIPT

WHERE PAYMENT\_DATE\_TIME BETWEEN '01-FEB-2022' AND '28-FEB-2022'

Graphical user interface, text, application

Description automatically generated

-- 8. Which customer brought in the highest amount of revenue between January 1st, 2022 and April 30th, 2022?

SELECT CX.CUSTOMER\_ID, CX.FULL\_NAME, SUM(C.TOTAL\_PURCHASE\_AMOUNT) AS TOTAL\_AMOUNT

FROM CONTRACT C

LEFT JOIN RESERVATION R ON R.RESERVATION\_ID = C.RESERVATION\_ID

LEFT JOIN CUSTOMER CX ON R.CUSTOMER\_ID = CX.CUSTOMER\_ID

WHERE R.BOOKING\_DATE BETWEEN '01-JAN-2022' AND '30-APR-2022'

GROUP BY CX.CUSTOMER\_ID, CX.FULL\_NAME

HAVING SUM(C.TOTAL\_PURCHASE\_AMOUNT) =

(SELECT MAX(Total\_Amount) AS TOTAL\_AMOUNT

FROM

(SELECT CX.CUSTOMER\_ID, CX.FULL\_NAME, SUM(C.TOTAL\_PURCHASE\_AMOUNT) AS TOTAL\_AMOUNT

FROM CONTRACT C

LEFT JOIN RESERVATION R ON R.RESERVATION\_ID = C.RESERVATION\_ID

LEFT JOIN CUSTOMER CX ON R.CUSTOMER\_ID = CX.CUSTOMER\_ID

WHERE R.BOOKING\_DATE BETWEEN '01-JAN-2022' AND '30-APR-2022'

GROUP BY CX.CUSTOMER\_ID, CX.FULL\_NAME))

Graphical user interface, text, application

Description automatically generated

-- 9. Which employee has been with the company the longest?

SELECT EMPLOYEE\_ID, FULL\_NAME, HIRE\_DATE

FROM EMPLOYEE

WHERE HIRE\_DATE =

(SELECT MIN(HIRE\_DATE) AS HIRE\_DATE

FROM EMPLOYEE)

Graphical user interface, text, application

Description automatically generated

-- 10. Which customer has rented the most cars from the company as measured in number of days?

SELECT CX.CUSTOMER\_ID, CX.FULL\_NAME, CAST(C.DATE\_AND\_TIME\_IN AS DATE) - CAST(C.DATE\_AND\_TIME\_OUT AS DATE) AS Diff

FROM CONTRACT C

LEFT JOIN RESERVATION R ON R.RESERVATION\_ID = C.RESERVATION\_ID

LEFT JOIN CUSTOMER CX ON CX.CUSTOMER\_ID = R.CUSTOMER\_ID

WHERE CAST(C.DATE\_AND\_TIME\_IN AS DATE) - CAST(C.DATE\_AND\_TIME\_OUT AS DATE) =

(SELECT MAX(Diff)

FROM

(SELECT CX.CUSTOMER\_ID, CX.FULL\_NAME, SUM(CAST(C.DATE\_AND\_TIME\_IN AS DATE) - CAST(C.DATE\_AND\_TIME\_OUT AS DATE)) AS Diff

FROM CONTRACT C

LEFT JOIN RESERVATION R ON R.RESERVATION\_ID = C.RESERVATION\_ID

LEFT JOIN CUSTOMER CX ON CX.CUSTOMER\_ID = R.CUSTOMER\_ID

GROUP BY CX.CUSTOMER\_ID, CX.FULL\_NAME))

Graphical user interface, text, application

Description automatically generated

Upload Tables

CREATE TABLE DRIVER

(Drivers\_License\_No VARCHAR2(15) NOT NULL,

Insurance\_Policy\_No VARCHAR2(20),

Insurer\_Name VARCHAR2(50),

Insurer\_Policy\_Type VARCHAR2(20),

CONSTRAINT DRIVER\_PK PRIMARY KEY (Drivers\_License\_No));

INSERT INTO DRIVER VALUES

('7777777',

'90009',

'Denna Pesic',

'Contingent');

INSERT INTO DRIVER VALUES

('8888888',

'1110001',

'Jermayne Hardcastle',

'Contingent');

INSERT INTO DRIVER VALUES

('55555',

'122242424',

'Chris Haley',

'Insured');

INSERT INTO DRIVER VALUES

('434343',

'122242424',

'Grady Breathing',

'Insured');

INSERT INTO DRIVER VALUES

('87878',

'4556454',

'Allen Frye',

'Insured');

INSERT INTO DRIVER VALUES

('3456',

'98765',

'Ororo Monroe',

'Insured');

INSERT INTO DRIVER VALUES

('4567890',

'0987654',

'Yourke Bouzan',

'Insured');

INSERT INTO DRIVER VALUES

('12345',

'0987',

'Hank Hill',

'Insured');

INSERT INTO DRIVER VALUES

('1112',

'1990',

'Peter Laughton',

'Insured');

INSERT INTO DRIVER VALUES

('5689',

'1989',

'Jordan Keegan',

'Insured');

INSERT INTO DRIVER VALUES

('1229',

'1988',

'James Paul',

'Insured');

INSERT INTO DRIVER VALUES

('7878',

'1967',

'Max Jefferson',

'Insured');

INSERT INTO DRIVER VALUES

('0909',

'1968',

'Diana Prince',

'Insured');

INSERT INTO DRIVER VALUES

('6589',

'1948',

'Wayne Kent',

'Insured');

INSERT INTO DRIVER VALUES

('4547',

'09875',

'Billy Rice',

'Insured');

CREATE TABLE EMPLOYEE

(Employee\_ID NUMBER(11,0) NOT NULL,

Full\_Name VARCHAR2(50) NOT NULL,

Date\_of\_Birth DATE,

Address VARCHAR2(100),

Hire\_Date DATE,

Employee\_Type VARCHAR2(20),

CONSTRAINT EMPLOYEE\_PK PRIMARY KEY (Employee\_ID));

INSERT INTO EMPLOYEE VALUES

(1,

'Dillon Funk',

'10-NOV-1990',

'321 Street Ln. Ames, IA 12345',

'1-APR-2016',

'Front Desk');

INSERT INTO EMPLOYEE VALUES

(2,

'Travis Mainter',

'13-Mar-1986',

'456 Rayne st. Ames, IA 12345',

'8-AUG-2016',

'Front Desk');

INSERT INTO EMPLOYEE VALUES

(3,

'Skelly Czajkowski',

'28-DEC-1989',

'25139 Paget Circle Ames, IA 12345',

'24-JUL-2015',

'Front Desk');

INSERT INTO EMPLOYEE VALUES

(4,

'Shelley Michelmore',

'26-SEP-1992',

'57 Crebbles Dr. Ames, IA 78900',

'26-SEP-2018',

'Front Desk');

INSERT INTO EMPLOYEE VALUES

(5,

'Vincent Jackson',

'15-MAY-1990',

'4867 Crenshaw Rd. Ames, IA 12345',

'19-AUG-2016',

'Porter');

INSERT INTO EMPLOYEE VALUES

(6,

'Walker Herschell',

'12-Nov-1986',

'345 Rayne st. Ames, IA 12345',

'6-FEB-2017',

'Mechanic');

INSERT INTO EMPLOYEE VALUES

(7,

'Barry Webb',

'21-APR-1980',

'123 Rayne st. Ames, IA 12345',

'5-JUN-2015',

'Manager');

INSERT INTO EMPLOYEE VALUES

(8,

'Tori Holt',

'14-May-1986',

'334 Rock Rd. Ames, IA 12345',

'3-JUL-2016',

'Manager');

INSERT INTO EMPLOYEE VALUES

(9,

'Cain Jacobs',

'20-JUN-1970',

'456 Main st. Ames, IA 12345',

'8-APR-2015',

'Mechanic');

INSERT INTO EMPLOYEE VALUES

(10,

'Mark Williams',

'13-Nov-1986',

'990 Rayne st. Ames, IA 12345',

'19-AUG-2015',

'Mechanic');

INSERT INTO EMPLOYEE VALUES

(11,

'Marvin Rice',

'13-Mar-1985',

'557 Rayne st. Ames, IA 12345',

'11-JUL-2016',

'Porter');

INSERT INTO EMPLOYEE VALUES

(12,

'LaDanian Peterson',

'14-Mar-1986',

'456 Terra st. Ames, IA 12345',

'9-MAR-2017',

'Porter');

INSERT INTO EMPLOYEE VALUES

(13,

'Marcus Williams',

'20-Nov-1990',

'778 Rayne st. Ames, IA 12345',

'8-AUG-2016',

'Porter');

INSERT INTO EMPLOYEE VALUES

(14,

'Desmond Woodson',

'13-Mar-1988',

'456 Crane Dr. Ames, IA 12345',

'8-AUG-2015',

'Mechanic');

INSERT INTO EMPLOYEE VALUES

(15,

'Sara Swift',

'20-Mar-1989',

'998 Rayne st. Ames, IA 12345',

'2-AUG-2015',

'Manager');

CREATE TABLE VEHICLE

(Vehicle\_ID NUMBER(11,0) NOT NULL,

Daily\_Price DECIMAL(5,2),

Vehicle\_Make\_Model VARCHAR2(100),

Vehicle\_Type VARCHAR2(50),

Luggage\_Capacity NUMBER(11,0),

Seat\_Number NUMBER(11, 0),

Start\_Date DATE,

Expiration\_Date DATE,

CONSTRAINT VEHICLE\_PK PRIMARY KEY (Vehicle\_ID));

INSERT INTO VEHICLE VALUES

(1,

50,

'Toyota Camry',

'Mid-Size',

15,

5,

'15-DEC-2015',

'15-DEC-2025');

INSERT INTO VEHICLE VALUES

(2,

50,

'Honda Civic',

'Compact',

14,

4,

'15-DEC-2015',

'15-DEC-2025');

INSERT INTO VEHICLE VALUES

(3,

50,

'Lincoln Navigator',

'SUV',

25,

8,

'15-DEC-2015',

'15-DEC-2025');

INSERT INTO VEHICLE VALUES

(4,

50,

'Cadillac Escalade',

'SUV',

25,

8,

'15-DEC-2015',

'15-DEC-2025');

INSERT INTO VEHICLE VALUES

(5,

50,

'Ford Freestyle',

'SUV',

25,

8,

'15-DEC-2015',

'15-DEC-2025');

INSERT INTO VEHICLE VALUES

(6,

50,

'Hummer H3',

'SUV',

25,

8,

'15-DEC-2015',

'15-DEC-2025');

INSERT INTO VEHICLE VALUES

(7,

50,

'Subaru Crosstrek',

'SUV',

25,

8,

'15-DEC-2015',

'15-DEC-2025');

INSERT INTO VEHICLE VALUES

(8,

50,

'Subaru Legacy',

'Mid-Size',

15,

5,

'15-DEC-2015',

'15-DEC-2025');

INSERT INTO VEHICLE VALUES

(9,

50,

'Honda Accord',

'Mid-Size',

15,

5,

'15-DEC-2015',

'15-DEC-2025');

INSERT INTO VEHICLE VALUES

(10,

50,

'Nissan Altima',

'Mid-Size',

15,

5,

'15-DEC-2015',

'15-DEC-2025');

INSERT INTO VEHICLE VALUES

(11,

50,

'Lexus ES',

'Mid-Size',

15,

5,

'15-DEC-2015',

'15-DEC-2025');

INSERT INTO VEHICLE VALUES

(12,

50,

'Mazda 3',

'Compact',

14,

4,

'15-DEC-2015',

'15-DEC-2025');

INSERT INTO VEHICLE VALUES

(13,

50,

'Kia Forte',

'Compact',

14,

4,

'15-DEC-2015',

'15-DEC-2025');

INSERT INTO VEHICLE VALUES

(14,

50,

'Volkswagen Golf',

'Compact',

14,

4,

'15-DEC-2015',

'15-DEC-2025');

INSERT INTO VEHICLE VALUES

(15,

50,

'Hyundai Elantra',

'Compact',

14,

4,

'15-DEC-2015',

'15-DEC-2025');

CREATE TABLE PORTER

(Porter\_ID NUMBER(11,0) NOT NULL,

Skill\_Description VARCHAR(250),

Vehicle\_ID NUMBER(11,0) NOT NULL,

CONSTRAINT PORTER\_PK PRIMARY KEY (Porter\_ID),

CONSTRAINT PORTER\_FK1 FOREIGN KEY (Porter\_ID) REFERENCES EMPLOYEE (Employee\_ID),

CONSTRAINT PORTER\_FK2 FOREIGN KEY (Vehicle\_ID) REFERENCES VEHICLE (Vehicle\_ID));

INSERT INTO PORTER VALUES

(5,

'keeps track of parked vehicles and makes sure that the parking lot is neat and presentable',

1);

INSERT INTO PORTER VALUES

(11,

'keeps track of parked vehicles and makes sure that the parking lot is neat and presentable',

2);

INSERT INTO PORTER VALUES

(12,

'keeps track of parked vehicles and makes sure that the parking lot is neat and presentable',

3);

INSERT INTO PORTER VALUES

(13,

'keeps track of parked vehicles and makes sure that the parking lot is neat and presentable',

4);

CREATE TABLE FRONT\_DESK

(Front\_Desk\_ID NUMBER(11,0) NOT NULL,

Skill\_Description VARCHAR(250),

CONSTRAINT FRONT\_DESK\_PK PRIMARY KEY (Front\_Desk\_ID),

CONSTRAINT FRONT\_DESK\_FK1 FOREIGN KEY (Front\_Desk\_ID) REFERENCES EMPLOYEE (Employee\_ID));

INSERT INTO FRONT\_DESK VALUES

(1,

'Takes sign ins. Processes returns');

INSERT INTO FRONT\_DESK VALUES

(2,

'keeps track of parked vehicles and makes sure that the parking lot is neat and presentable');

INSERT INTO FRONT\_DESK VALUES

(3,

'keeps track of parked vehicles and makes sure that the parking lot is neat and presentable');

INSERT INTO FRONT\_DESK VALUES

(4,

'keeps track of parked vehicles and makes sure that the parking lot is neat and presentable');

CREATE TABLE MANAGER

(Manager\_ID NUMBER(11,0) NOT NULL,

Skill\_Description VARCHAR(250),

CONSTRAINT MANAGER\_PK PRIMARY KEY (Manager\_ID),

CONSTRAINT MANAGER\_FK1 FOREIGN KEY (Manager\_ID) REFERENCES EMPLOYEE (Employee\_ID));

INSERT INTO MANAGER VALUES

(7,

'keeps track of employees & handles disputes');

INSERT INTO MANAGER VALUES

(8,

'keeps track of employees & handles disputes');

INSERT INTO MANAGER VALUES

(15,

'keeps track of employees & handles disputes');

CREATE TABLE MECHANIC

(Mechanic\_ID NUMBER(11,0) NOT NULL,

Skill\_Description VARCHAR(250),

CONSTRAINT MECHANIC\_PK PRIMARY KEY (Mechanic\_ID),

CONSTRAINT MECHANIC\_FK1 FOREIGN KEY (Mechanic\_ID) REFERENCES EMPLOYEE (Employee\_ID));

INSERT INTO MECHANIC VALUES

(/\* Mechanic\_ID \*/ 6,

'completes maintenance & repairs of vehicles');

INSERT INTO MECHANIC VALUES

(/\* Mechanic\_ID \*/ 9,

'completes maintenance & repairs of vehicles');

INSERT INTO MECHANIC VALUES

(/\* Mechanic\_ID \*/ 10,

'completes maintenance & repairs of vehicles');

INSERT INTO MECHANIC VALUES

(14,

'completes maintenance & repairs of vehicles');

CREATE TABLE CUSTOMER

(Customer\_ID NUMBER(11,0) NOT NULL,

Full\_Name VARCHAR2(50) NOT NULL,

Date\_of\_Birth DATE,

Address VARCHAR2(100),

Phone\_Number VARCHAR(20),

Drivers\_License\_No VARCHAR2(15) NOT NULL,

CONSTRAINT CUSTOMER\_PK PRIMARY KEY (Customer\_ID),

CONSTRAINT CUSTOMER\_FK FOREIGN KEY (Drivers\_License\_No) REFERENCES DRIVER(Drivers\_License\_No));

INSERT INTO CUSTOMER VALUES

(1,

'Denna Pesic',

'31-DEC-1990',

'123 Lane St., Ames, IA 12345',

'123-456-7890',

'7777777');

INSERT INTO CUSTOMER VALUES

(2,

'Jermayne Hardcastle',

'28-MAR-2022',

'547 Elm St, Ames, IA 12345',

'515-836-1009',

'8888888');

INSERT INTO CUSTOMER VALUES

(3,

'Chris Haley',

'28-Dec-1989',

'09890 Paget Circle Ames, IA 12345',

'515-456-0998',

'55555');

INSERT INTO CUSTOMER VALUES

(4,

'Grady Breathing',

'5-SEP-1990',

'123 Bar Ave. Ames, IA 12345',

'515-234-0087',

'434343');

INSERT INTO CUSTOMER VALUES

(5,

'Allen Frye',

'4-AUG-1970',

'234 Far Rd. Ames, IA 12345',

'515-457-0775',

'87878');

INSERT INTO CUSTOMER VALUES

(6,

'Ororo Monroe',

'4-MAY-1980',

'789 Far Rd. Ames, IA 12345',

'515-123-0987',

'3456');

INSERT INTO CUSTOMER VALUES

(7,

'Yourke Bouzan',

'5-JUN-1985',

'987 Rock Rd. Ames, IA 12345',

'515-098-0087',

'4567890');

INSERT INTO CUSTOMER VALUES

(8,

'Hank Hill',

'21-JUN-1986',

'432 Tank Ln. Ames, IA 12345',

'515-234-8865',

'12345');

INSERT INTO CUSTOMER VALUES

(9,

'Peter Laughton',

'11-JUL-1988',

'334 1st St. Ames, IA 12345',

'515-123-0554',

'1112');

INSERT INTO CUSTOMER VALUES

(10,

'Jordan Keegan',

'11-APR-1992',

'335 2nd St. Ames, IA 12345',

'515-098-0773',

'5689');

INSERT INTO CUSTOMER VALUES

(11,

'James Paul',

'13-NOV-1991',

'1 Cranberry Ave. Ames, IA 12345',

'515-149-0543',

'1229');

INSERT INTO CUSTOMER VALUES

(12,

'Max Jefferson',

'13-JAN-1990',

'19 Cranberry Ave. Ames, IA 12345',

'515-434-4430',

'7878');

INSERT INTO CUSTOMER VALUES

(13,

'Diana Prince',

'13-JAN-1990',

'357 Axe Rd. Ames, IA 12345',

'515-443-0005',

'0909');

INSERT INTO CUSTOMER VALUES

(14,

'Wayne Kent',

'13-JAN-1990',

'9887 Crab Rd. Ames, IA 12345',

'515-443-1432',

'6589');

INSERT INTO CUSTOMER VALUES

(15,

'Billy Rice',

'21-FEB-1989',

'443 Train Rd. Ames, IA 12345',

'515-443-1432',

'4547');

CREATE TABLE RESERVATION

(Reservation\_ID NUMBER(11,0) NOT NULL,

Booking\_Date DATE,

Booked\_Car\_Type VARCHAR2(50),

Start\_Date DATE,

End\_Date DATE,

Customer\_ID NUMBER(11,0) NOT NULL,

Front\_Desk\_ID NUMBER(11,0) NOT NULL ,

CONSTRAINT RESERVATION\_PK PRIMARY KEY (Reservation\_ID),

CONSTRAINT RESERVATION\_FK1 FOREIGN KEY (Customer\_ID) REFERENCES CUSTOMER (Customer\_ID),

CONSTRAINT RESERVATION\_FK2 FOREIGN KEY (Front\_Desk\_ID) REFERENCES FRONT\_DESK (Front\_Desk\_ID));

INSERT INTO RESERVATION VALUES

(1,

'1-JAN-2022',

'SUV',

'17-FEB-2022',

'20-FEB-2022',

1,

1);

INSERT INTO RESERVATION VALUES

(2,

'1-JAN-2022',

'SUV',

'24-MAR-2022',

'28-MAR-2022',

2,

2);

INSERT INTO RESERVATION VALUES

(3,

'1-JAN-2022',

'SUV',

'16-APR-2022',

'22-APR-2022',

3,

3);

INSERT INTO RESERVATION VALUES

(4,

'1-JAN-2022',

'SUV',

'14-APR-2021',

'20-APR-2021',

4,

4);

INSERT INTO RESERVATION VALUES

(5,

'1-JAN-2022',

'SUV',

'16-MAR-2022',

'22-MAR-2022',

5,

1);

INSERT INTO RESERVATION VALUES

(6,

'1-JAN-2022',

'Mid\_Size',

'2-APR-2022',

'9-APR-2022',

6,

2);

INSERT INTO RESERVATION VALUES

(7,

'1-JAN-2022',

'Mid\_Size',

'20-FEB-2022',

'1-MAR-2022',

7,

3);

INSERT INTO RESERVATION VALUES

(8,

'1-JAN-2022',

'Mid\_Size',

'20-MAR-2022',

'1-APR-2022',

8,

4);

INSERT INTO RESERVATION VALUES

(9,

'1-JAN-2022',

'Mid\_Size',

'15-JAN-2022',

'30-JAN-2022',

9,

1);

INSERT INTO RESERVATION VALUES

(10,

'5-JAN-2022',

'Mid\_Size',

'1-APR-2022',

'3-APR-2022',

10,

2);

INSERT INTO RESERVATION VALUES

(11,

'2-FEB-2022',

'Compact',

'3-MAR-2022',

'25-MAR-2022',

11,

2);

INSERT INTO RESERVATION VALUES

(12,

'1-APR-2022',

'Compact',

'17-APR-2022',

'22-APR-2022',

12,

2);

INSERT INTO RESERVATION VALUES

(13,

'1-JAN-2022',

'Compact',

'1-FEB-2022',

'3-FEB-2022',

13,

2);

INSERT INTO RESERVATION VALUES

(14,

'1-JAN-2022',

'Compact',

'2-MAR-2022',

'4-MAR-2022',

14,

2);

INSERT INTO RESERVATION VALUES

(15,

'1-JAN-2022',

'Compact',

'11-JAN-2022',

'15-JAN-2022',

15,

2);

INSERT INTO RESERVATION VALUES

(16,

'16-FEB-2022',

'Compact',

'13-MAR-2022',

'22-MAR-2022',

15,

2);

INSERT INTO RESERVATION VALUES

(17,

'17-FEB-2022',

'Compact',

'25-MAR-2022',

'22-APR-2022',

14,

2);

INSERT INTO RESERVATION VALUES

(18,

'1-JAN-2022',

'Mid\_Size',

'25-JAN-2022',

'22-FEB-2022',

13,

2);

INSERT INTO RESERVATION VALUES

(19,

'12-JAN-2022',

'Mid\_Size',

'25-JAN-2022',

'22-FEB-2022',

11,

2);

INSERT INTO RESERVATION VALUES

(21,

'12-JAN-2022',

'SUV',

'20-JAN-2022',

'22-JAN-2022',

2,

2);

CREATE TABLE PAYMENT

(Payment\_ID NUMBER(11,0) NOT NULL,

Name\_on\_Card VARCHAR2(50),

Card\_Number CHAR(16),

Expiration\_Date DATE,

Billing\_Address VARCHAR2(100),

Card\_Type VARCHAR2(20),

Customer\_ID NUMBER(11,0) NOT NULL,

CONSTRAINT PAYMENT\_PK PRIMARY KEY (Payment\_ID),

CONSTRAINT PAYMENT\_FK1 FOREIGN KEY (Customer\_ID) REFERENCES CUSTOMER (Customer\_ID));

INSERT INTO PAYMENT VALUES

(1,

'Denna Pesic',

'12345678901234',

'01-JAN-2028',

'123 Lane St., Ames, IA 12345',

'Visa',

1);

INSERT INTO PAYMENT VALUES

(2,

'Jermayne Hardcastle',

'12345678901230',

'01-JAN-2028',

'547 Elm St, Ames, IA 12345',

'Visa',

2);

INSERT INTO PAYMENT VALUES

(3,

'Chris Haley',

'12345678901231',

'01-JAN-2028',

'09890 Paget Circle Ames, IA 12345',

'Visa',

3);

INSERT INTO PAYMENT VALUES

(4,

'Grady Breathing',

'12345678901232',

'01-JAN-2028',

'123 Bar Ave. Ames, IA 12345',

'Visa',

4);

INSERT INTO PAYMENT VALUES

(5,

'Allen Frye',

'12345678901233',

'01-JAN-2028',

'234 Far Rd. Ames, IA 12345',

'Visa',

5);

INSERT INTO PAYMENT VALUES

(6,

'Ororo Monroe',

'12345678901233',

'01-JAN-2028',

'789 Far Rd. Ames, IA 12345',

'Visa',

6);

INSERT INTO PAYMENT VALUES

(7,

'Yourke Bouzan',

'12345678901234',

'01-JAN-2028',

'987 Rock Rd. Ames, IA 12345',

'Visa',

7);

INSERT INTO PAYMENT VALUES

(8,

'Hank Hill',

'12345678901235',

'01-JAN-2028',

'432 Tank Ln. Ames, IA 12345',

'Visa',

8);

INSERT INTO PAYMENT VALUES

(9,

'Peter Laughton',

'12345678901236',

'01-JAN-2028',

'334 1st St. Ames, IA 12345',

'Visa',

9);

INSERT INTO PAYMENT VALUES

(10,

'Jordan Keegan',

'12345678901237',

'01-JAN-2028',

'335 2nd St. Ames, IA 12345',

'Visa',

10);

INSERT INTO PAYMENT VALUES

(11,

'James Paul',

'12345678901238',

'01-JAN-2028',

'1 Cranberry Ave. Ames, IA 12345',

'Mastercard',

11);

INSERT INTO PAYMENT VALUES

(12,

'Max Jefferson',

'12345678901239',

'01-JAN-2028',

'19 Cranberry Ave. Ames, IA 12345',

'Mastercard',

12);

INSERT INTO PAYMENT VALUES

(13,

'Diana Prince',

'12345678901240',

'01-JAN-2028',

'357 Axe Rd. Ames, IA 12345',

'Mastercard',

13);

INSERT INTO PAYMENT VALUES

(14,

'Wayne Kent',

'12345678901241',

'01-JAN-2028',

'9887 Crab Rd. Ames, IA 12345',

'Mastercard',

14);

INSERT INTO PAYMENT VALUES

(15,

'Ryan Reynolds',

'12345678901241',

'01-JAN-2028',

'9887 Crab Rd. Ames, IA 12345',

'Mastercard',

15);

CREATE TABLE CONTRACT

(Contract\_ID NUMBER(11,0) NOT NULL,

Inventory\_Number NUMBER(11,0),

Rental\_Location VARCHAR2(100),

Type\_of\_Car\_Rent VARCHAR2(20),

Date\_and\_Time\_In TIMESTAMP,

Date\_and\_Time\_Out TIMESTAMP,

Daily\_Rental\_Rate DECIMAL(5,2),

Discount DECIMAL(5,2),

Taxes\_and\_Fees DECIMAL(5,2),

Total\_Purchase\_Amount DECIMAL(7,2),

Vehicle\_ID NUMBER(11,0) NOT NULL,

Front\_Desk\_ID NUMBER(11,0) NOT NULL,

Reservation\_ID NUMBER(11,0) NOT NULL,

CONSTRAINT CONTRACT\_PK PRIMARY KEY (Contract\_ID),

CONSTRAINT CONTRACT\_FK1 FOREIGN KEY (Vehicle\_ID) REFERENCES VEHICLE (Vehicle\_ID),

CONSTRAINT CONTRACT\_FK2 FOREIGN KEY (Front\_Desk\_ID) REFERENCES FRONT\_DESK (Front\_Desk\_ID),

CONSTRAINT CONTRACT\_FK3 FOREIGN KEY (Reservation\_ID) REFERENCES RESERVATION (Reservation\_ID));

INSERT INTO CONTRACT VALUES

(1,

/\*Inventory Number\*/ 1,

'Ames',

'SUV',

'20-FEB-2022 09:39:16.78',

'17\_FEB-2022 09:39:16.78',

/\*Rate\*/ 50.00,

/\*Discounted Rate\*/ 0,

/\*Taxes & Fees\*/ 1.12,

/\*Total\*/ 168.00,

/\*Vehicle\*/ 3,

/\*Front\_Desk\*/ 2,

/\*Reservation\*/ 1);

INSERT INTO CONTRACT VALUES

(2,

/\*Inventory Number\*/ 2,

'Ames',

'SUV',

'28-MAR-2022 09:39:16.78',

'24-MAR-2022 09:39:16.78',

/\*Rate\*/ 50.00,

/\*Discounted Rate\*/ 0,

/\*Taxes & Fees\*/ 1.12,

/\*Total\*/ 224.00,

/\*Vehicle\*/ 5,

/\*Front\_Desk\*/ 2,

/\*Reservation\*/ 2);

INSERT INTO CONTRACT VALUES

(3,

/\*Inventory Number\*/ 3,

'Ames',

'SUV',

'22-APR-2022 09:39:16.78',

'16-APR-2022 09:39:16.78',

/\*Rate\*/ 50.00,

/\*Discounted Rate\*/ 0,

/\*Taxes & Fees\*/ 1.12,

/\*Total\*/ 336.00,

/\*Vehicle\*/ 4,

/\*Front\_Desk\*/ 2,

/\*Reservation\*/ 3);

INSERT INTO CONTRACT VALUES

(4,

/\*Inventory Number\*/ 4,

'Ames',

'SUV',

'22-APR-2022 09:39:16.78',

'16-APR-2022 09:39:16.78',

/\*Rate\*/ 50.00,

/\*Discounted Rate\*/ 0,

/\*Taxes & Fees\*/ 1.12,

/\*Total\*/ 336.00,

/\*Vehicle\*/ 6,

/\*Front\_Desk\*/ 2,

/\*Reservation\*/ 4);

INSERT INTO CONTRACT VALUES

(5,

/\*Inventory Number\*/ 5,

'Ames',

'SUV',

'22-MAR-2022 09:39:16.78',

'16-MAR-2022 09:39:16.78',

/\*Rate\*/ 50.00,

/\*Discounted Rate\*/ 0,

/\*Taxes & Fees\*/ 1.12,

/\*Total\*/ 336.00,

/\*Vehicle\*/ 7,

/\*Front\_Desk\*/ 2,

/\*Reservation\*/ 5);

INSERT INTO CONTRACT VALUES

(6,

/\*Inventory Number\*/ 6,

'Ames',

'Mid-Size',

'9-APR-2022 09:39:16.78',

'2-APR-2022 09:39:16.78',

/\*Rate\*/ 50.00,

/\*Discounted Rate\*/ 0,

/\*Taxes & Fees\*/ 1.12,

/\*Total\*/ 392.00,

/\*Vehicle\*/ 8,

/\*Front\_Desk\*/ 2,

/\*Reservation\*/ 6);

INSERT INTO CONTRACT VALUES

(7,

/\*Inventory Number\*/ 7,

'Ames',

'Mid-Size',

'1-MAR-2022 09:39:16.78',

'20-FEB-2022 09:39:16.78',

/\*Rate\*/ 50.00,

/\*Discounted Rate\*/ 0.08,

/\*Taxes & Fees\*/ 1.12,

/\*Total\*/ 463.68,

/\*Vehicle\*/ 9,

/\*Front\_Desk\*/ 2,

/\*Reservation\*/ 7);

INSERT INTO CONTRACT VALUES

(8,

/\*Inventory Number\*/ 8,

'Ames',

'Mid-Size',

'1-APR-2022 09:39:16.78',

'20-MAR-2022 09:39:16.78',

/\*Rate\*/ 50.00,

/\*Discounted Rate\*/ 0.08,

/\*Taxes & Fees\*/ 1.12,

/\*Total\*/ 618.24,

/\*Vehicle\*/ 10,

/\*Front\_Desk\*/ 2,

/\*Reservation\*/ 8);

INSERT INTO CONTRACT VALUES

(9,

/\*Inventory Number\*/ 9,

'Ames',

'Mid-Size',

'1-APR-2022 09:39:16.78',

'20-MAR-2022 09:39:16.78',

/\*Rate\*/ 50.00,

/\*Discounted Rate\*/ 0.08,

/\*Taxes & Fees\*/ 1.12,

/\*Total\*/ 618.24,

/\*Vehicle\*/ 11,

/\*Front\_Desk\*/ 2,

/\*Reservation\*/ 9);

INSERT INTO CONTRACT VALUES

(10,

/\*Inventory Number\*/ 10,

'Ames',

'Mid-Size',

'3-APR-2022 09:39:16.78',

'1-APR-2022 09:39:16.78',

/\*Rate\*/ 50.00,

/\*Discounted Rate\*/ 0,

/\*Taxes & Fees\*/ 1.12,

/\*Total\*/ 112.00,

/\*Vehicle\*/ 1,

/\*Front\_Desk\*/ 2,

/\*Reservation\*/ 10);

INSERT INTO CONTRACT VALUES

(11,

/\*Inventory Number\*/ 11,

'Ames',

'Compact',

'25-MAR-2022 09:39:16.78',

'3-MAR-2022 09:39:16.78',

/\*Rate\*/ 50.00,

/\*Discounted Rate\*/ 0.08,

/\*Taxes & Fees\*/ 1.12,

/\*Total\*/ 1133.44,

/\*Vehicle\*/ 2,

/\*Front\_Desk\*/ 2,

/\*Reservation\*/ 11);

INSERT INTO CONTRACT VALUES

(12,

/\*Inventory Number\*/ 12,

'Ames',

'Compact',

'22-APR-2022 09:39:16.78',

'17-APR-2022 09:39:16.78',

/\*Rate\*/ 50.00,

/\*Discounted Rate\*/ 0,

/\*Taxes & Fees\*/ 1.12,

/\*Total\*/ 280.00,

/\*Vehicle\*/ 12,

/\*Front\_Desk\*/ 2,

/\*Reservation\*/ 12);

INSERT INTO CONTRACT VALUES

(13,

/\*Inventory Number\*/ 13,

'Ames',

'Compact',

'3-FEB-2022 09:39:16.78',

'1-FEB-2022 09:39:16.78',

/\*Rate\*/ 50.00,

/\*Discounted Rate\*/ 0,

/\*Taxes & Fees\*/ 1.12,

/\*Total\*/ 112,

/\*Vehicle\*/ 13,

/\*Front\_Desk\*/ 2,

/\*Reservation\*/ 13);

INSERT INTO CONTRACT VALUES

(14,

/\*Inventory Number\*/ 14,

'Ames',

'Compact',

'4-MAR-2022 09:39:16.78',

'2-MAR-2022 09:39:16.78',

/\*Rate\*/ 50.00,

/\*Discounted Rate\*/ 0.08,

/\*Taxes & Fees\*/ 1.12,

/\*Total\*/ 618.24,

/\*Vehicle\*/ 14,

/\*Front\_Desk\*/ 2,

/\*Reservation\*/ 14);

INSERT INTO CONTRACT VALUES

(15,

/\*Inventory Number\*/ 14,

'Ames',

'Compact',

'15-JAN-2022 09:39:16.78',

'11-JAN-2022 09:39:16.78',

/\*Rate\*/ 50.00,

/\*Discounted Rate\*/ 0,

/\*Taxes & Fees\*/ 1.12,

/\*Total\*/ 224.00,

/\*Vehicle\*/ 15,

/\*Front\_Desk\*/ 2,

/\*Reservation\*/ 15);

INSERT INTO CONTRACT VALUES

(16,

/\*Inventory Number\*/ 14,

'Ames',

'Compact',

'22-MAR-2022 09:39:16.78',

'13-MAR-2022 09:39:16.78',

/\*Rate\*/ 50.00,

/\*Discounted Rate\*/ 0.08,

/\*Taxes & Fees\*/ 1.12,

/\*Total\*/ 463.68,

/\*Vehicle\*/ 14,

/\*Front\_Desk\*/ 2,

/\*Reservation\*/ 17);

INSERT INTO CONTRACT VALUES

(17,

/\*Inventory Number\*/ 14,

'Ames',

'SUV',

'22-JAN-2022 09:39:16.78',

'20-JAN-2022 09:39:16.78',

/\*Rate\*/ 50.00,

/\*Discounted Rate\*/ 0,

/\*Taxes & Fees\*/ 1.12,

/\*Total\*/ 112.00,

/\*Vehicle\*/ 3,

/\*Front\_Desk\*/ 2,

/\*Reservation\*/ 21);

CREATE TABLE RECEIPT

(Receipt\_ID NUMBER(11,0) NOT NULL,

Total\_Amount DECIMAL(7,2),

Total\_Taxes DECIMAL(7,2),

Final\_Payment DECIMAL(7,2),

Payment\_Date\_Time TIMESTAMP,

Payment\_ID NUMBER(11,0) NOT NULL,

Manager\_ID NUMBER(11,0) NOT NULL,

CONSTRAINT RECEIPT\_PK PRIMARY KEY (Receipt\_ID),

CONSTRAINT RECEIPT\_FK1 FOREIGN KEY (Payment\_ID) REFERENCES PAYMENT (Payment\_ID),

CONSTRAINT RECEIPT\_FK2 FOREIGN KEY (Manager\_ID) REFERENCES MANAGER (Manager\_ID));

INSERT INTO RECEIPT VALUES

(1,

150.00,

18.00,

168.00,

'21-FEB-2022 09:39:16.78',

/\*Payment\_ID\*/ 1,

/\*Manager\_ID\*/ 8

);

INSERT INTO RECEIPT VALUES

(2,

200,

24.00,

224.00,

'29-MAR-2022 09:39:16.78',

/\*Payment\_ID\*/ 2,

/\*Manager\_ID\*/ 15

);

INSERT INTO RECEIPT VALUES

(3,

300.00,

36.00,

336.00,

'29-MAR-2022 09:39:16.78',

/\*Payment\_ID\*/ 3,

/\*Manager\_ID\*/ 7

);

INSERT INTO RECEIPT VALUES

(4,

300.00,

36.00,

336.00,

'29-MAR-2022 09:39:16.78',

/\*Payment\_ID\*/ 4,

/\*Manager\_ID\*/ 7

);

INSERT INTO RECEIPT VALUES

(5,

300.00,

36.00,

336.00,

'29-MAR-2022 09:39:16.78',

/\*Payment\_ID\*/ 5,

/\*Manager\_ID\*/ 7

);

INSERT INTO RECEIPT VALUES

(6,

350.00,

42.00,

392.00,

'29-MAR-2022 09:39:16.78',

/\*Payment\_ID\*/ 6,

/\*Manager\_ID\*/ 7

);

INSERT INTO RECEIPT VALUES

(7,

414.00,

49.68,

463.68,

'29-MAR-2022 09:39:16.78',

/\*Payment\_ID\*/ 7,

/\*Manager\_ID\*/ 7

);

INSERT INTO RECEIPT VALUES

(8,

552.00,

66.24,

618.24,

'29-MAR-2022 09:39:16.78',

/\*Payment\_ID\*/ 8,

/\*Manager\_ID\*/ 7

);

INSERT INTO RECEIPT VALUES

(9,

552.00,

66.24,

618.24,

'29-MAR-2022 09:39:16.78',

/\*Payment\_ID\*/ 9,

/\*Manager\_ID\*/ 7

);

INSERT INTO RECEIPT VALUES

(10,

100,

12,

112,

'29-MAR-2022 09:39:16.78',

/\*Payment\_ID\*/ 10,

/\*Manager\_ID\*/ 7

);

INSERT INTO RECEIPT VALUES

(11,

1012.00,

121.44,

1133.44,

'29-MAR-2022 09:39:16.78',

/\*Payment\_ID\*/ 11,

/\*Manager\_ID\*/ 7

);

INSERT INTO RECEIPT VALUES

(12,

250.00,

30.00,

280.00,

'29-MAR-2022 09:39:16.78',

/\*Payment\_ID\*/ 12,

/\*Manager\_ID\*/ 7

);

INSERT INTO RECEIPT VALUES

(13,

100.00,

12.00,

112.00,

'29-MAR-2022 09:39:16.78',

/\*Payment\_ID\*/ 13,

/\*Manager\_ID\*/ 7

);

INSERT INTO RECEIPT VALUES

(14,

552.00,

66.24,

618.24,

'29-MAR-2022 09:39:16.78',

/\*Payment\_ID\*/ 14,

/\*Manager\_ID\*/ 7

);

INSERT INTO RECEIPT VALUES

(15,

200.00,

24.00,

224.00,

'29-MAR-2022 09:39:16.78',

/\*Payment\_ID\*/ 15,

/\*Manager\_ID\*/ 7

);

INSERT INTO RECEIPT VALUES

(16,

414.00,

49.68,

463.68,

'27-MAR-2022 09:39:16.78',

/\*Payment\_ID\*/ 15,

/\*Manager\_ID\*/ 7

);

INSERT INTO RECEIPT VALUES

(17,

100.00,

12.00,

112.00,

'28-MAR-2022 09:39:16.78',

/\*Payment\_ID\*/ 15,

/\*Manager\_ID\*/ 7

);

CREATE TABLE VEHICLE\_CONDITION

(Maintenance\_Service\_ID NUMBER(11,0) NOT NULL,

Date\_Time TIMESTAMP,

Car\_Status VARCHAR2(50),

Est\_Repair\_Time NUMBER(11,0),

Return VARCHAR2(50),

Inspection VARCHAR(50),

Vehicle\_ID NUMBER(11,0) NOT NULL,

Receipt\_ID NUMBER(11,0) NOT NULL,

Contract\_ID NUMBER(11,0) NOT NULL,

Porter\_ID NUMBER(11,0) NOT NULL,

CONSTRAINT VEHICLE\_CONDITION\_PK PRIMARY KEY (Maintenance\_Service\_ID),

CONSTRAINT VEHICLE\_CONDITION\_FK1 FOREIGN KEY (Receipt\_ID) REFERENCES RECEIPT (Receipt\_ID),

CONSTRAINT VEHICLE\_CONDITION\_FK2 FOREIGN KEY (Contract\_ID) REFERENCES CONTRACT(Contract\_ID),

CONSTRAINT VEHICLE\_CONDITION\_FK3 FOREIGN KEY (Vehicle\_ID) REFERENCES VEHICLE (Vehicle\_ID),

CONSTRAINT VEHICLE\_CONDITION\_FK4 FOREIGN KEY (Porter\_ID) REFERENCES PORTER (Porter\_ID));

INSERT INTO VEHICLE\_CONDITION VALUES

(1,

'20-FEB-22 09:39:16.78',

/\*Status\*/ 'OK',

30,

'Returned',

/\*Inspection\*/ 'Completed',

/\*Vehicle\_ID\*/ 3,

/\*Receipt\_ID\*/ 1,

/\*Contract\_ID\*/ 1,

/\*Porter\_ID\*/ 12);

INSERT INTO VEHICLE\_CONDITION VALUES

(2,

'28-MAR-22 09:39:16.78',

/\*Status\*/ 'OK',

30,

'Returned',

/\*Inspection\*/ 'Completed',

/\*Vehicle\_ID\*/ 5,

/\*Receipt\_ID\*/ 2,

/\*Contract\_ID\*/ 2,

/\*Porter\_ID\*/ 12);

INSERT INTO VEHICLE\_CONDITION VALUES

(3,

'22-APR-22 09:39:16.78',

/\*Status\*/ 'OK',

30,

'Returned',

/\*Inspection\*/ 'Completed',

/\*Vehicle\_ID\*/ 4,

/\*Receipt\_ID\*/ 3,

/\*Contract\_ID\*/ 3,

/\*Porter\_ID\*/ 12);

INSERT INTO VEHICLE\_CONDITION VALUES

(4,

'23-APR-22 09:39:16.78',

/\*Status\*/ 'OK',

30,

'Returned',

/\*Inspection\*/ 'Completed',

/\*Vehicle\_ID\*/ 6,

/\*Receipt\_ID\*/ 4,

/\*Contract\_ID\*/ 4,

/\*Porter\_ID\*/ 12);

INSERT INTO VEHICLE\_CONDITION VALUES

(5,

'24-APR-22 09:39:16.78',

/\*Status\*/ 'OK',

30,

'Returned',

/\*Inspection\*/ 'Completed',

/\*Vehicle\_ID\*/ 7,

/\*Receipt\_ID\*/ 5,

/\*Contract\_ID\*/ 5,

/\*Porter\_ID\*/ 12);

INSERT INTO VEHICLE\_CONDITION VALUES

(6,

'9-APR-22 09:39:16.78',

/\*Status\*/ 'OK',

30,

'Returned',

/\*Inspection\*/ 'Completed',

/\*Vehicle\_ID\*/ 8,

/\*Receipt\_ID\*/ 6,

/\*Contract\_ID\*/ 6,

/\*Porter\_ID\*/ 12);

INSERT INTO VEHICLE\_CONDITION VALUES

(7,

'1-MAR-22 09:39:16.78',

/\*Status\*/ 'OK',

30,

'Returned',

/\*Inspection\*/ 'Completed',

/\*Vehicle\_ID\*/ 9,

/\*Receipt\_ID\*/ 7,

/\*Contract\_ID\*/ 7,

/\*Porter\_ID\*/ 12);

INSERT INTO VEHICLE\_CONDITION VALUES

(8,

'1-APR-22 09:39:16.78',

/\*Status\*/ 'OK',

30,

'Returned',

/\*Inspection\*/ 'Completed',

/\*Vehicle\_ID\*/ 10,

/\*Receipt\_ID\*/ 8,

/\*Contract\_ID\*/ 8,

/\*Porter\_ID\*/ 12);

INSERT INTO VEHICLE\_CONDITION VALUES

(9,

'2-APR-22 09:39:16.78',

/\*Status\*/ 'OK',

30,

'Returned',

/\*Inspection\*/ 'Completed',

/\*Vehicle\_ID\*/ 10,

/\*Receipt\_ID\*/ 9,

/\*Contract\_ID\*/ 9,

/\*Porter\_ID\*/ 12);

INSERT INTO VEHICLE\_CONDITION VALUES

(10,

'2-APR-22 09:39:16.78',

/\*Status\*/ 'OK',

30,

'Returned',

/\*Inspection\*/ 'Completed',

/\*Vehicle\_ID\*/ 1,

/\*Receipt\_ID\*/ 10,

/\*Contract\_ID\*/ 10,

/\*Porter\_ID\*/ 12);

INSERT INTO VEHICLE\_CONDITION VALUES

(11,

'2-APR-22 09:39:16.78',

/\*Status\*/ 'Unsatisfactory',

30,

'Returned',

/\*Inspection\*/ 'Completed',

/\*Vehicle\_ID\*/ 2,

/\*Receipt\_ID\*/ 11,

/\*Contract\_ID\*/ 11,

/\*Porter\_ID\*/ 12);

INSERT INTO VEHICLE\_CONDITION VALUES

(12,

'22-APR-22 09:39:16.78',

/\*Status\*/ 'Unsatisfactory',

30,

'Returned',

/\*Inspection\*/ 'Completed',

/\*Vehicle\_ID\*/ 12,

/\*Receipt\_ID\*/ 12,

/\*Contract\_ID\*/ 12,

/\*Porter\_ID\*/ 12);

INSERT INTO VEHICLE\_CONDITION VALUES

(13,

'3-APR-22 09:39:16.78',

/\*Status\*/ 'Unsatisfactory',

30,

'Returned',

/\*Inspection\*/ 'Completed',

/\*Vehicle\_ID\*/ 13,

/\*Receipt\_ID\*/ 13,

/\*Contract\_ID\*/ 13,

/\*Porter\_ID\*/ 5);

INSERT INTO VEHICLE\_CONDITION VALUES

(14,

'4-MAR-22 09:39:16.78',

/\*Status\*/ 'Unsatisfactory',

30,

'Returned',

/\*Inspection\*/ 'Completed',

/\*Vehicle\_ID\*/ 14,

/\*Receipt\_ID\*/ 14,

/\*Contract\_ID\*/ 14,

/\*Porter\_ID\*/ 13);

INSERT INTO VEHICLE\_CONDITION VALUES

(15,

'15-JAN-22 09:39:16.78',

/\*Status\*/ 'Unsatisfactory',

30,

'Returned',

/\*Inspection\*/ 'Completed',

/\*Vehicle\_ID\*/ 15,

/\*Receipt\_ID\*/ 15,

/\*Contract\_ID\*/ 15,

/\*Porter\_ID\*/ 5);

CREATE TABLE AUTO\_REPAIR

( Vehicle\_ID NUMBER(11,0) NOT NULL,

Repair\_Charge DECIMAL(5,2),

Maintenance\_Service\_ID NUMBER(11,0) NOT NULL,

Mechanic\_ID NUMBER(11,0) NOT NULL,

CONSTRAINT AUTO\_REPAIR\_PK PRIMARY KEY (Vehicle\_ID),

CONSTRAINT AUTO\_REPAIR\_FK1 FOREIGN KEY (Vehicle\_ID) REFERENCES VEHICLE (Vehicle\_ID),

CONSTRAINT AUTO\_REPAIR\_FK2 FOREIGN KEY (Maintenance\_Service\_ID) REFERENCES VEHICLE\_CONDITION (Maintenance\_Service\_ID),

CONSTRAINT AUTO\_REPAIR\_FK3 FOREIGN KEY (Mechanic\_ID) REFERENCES MECHANIC (Mechanic\_ID));

INSERT INTO AUTO\_REPAIR VALUES

(/\*Vehicle\_ID\*/ 2,

/\*Repair\_Charge\*/ 200,

/\*Maintenance\_Service\_ID\*/ 11,

/\*Mechanic\_ID\*/ 10);

INSERT INTO AUTO\_REPAIR VALUES

(/\*Vehicle\_ID\*/ 12,

/\*Repair\_Charge\*/ 200,

/\*Maintenance\_Service\_ID\*/ 12,

/\*Mechanic\_ID\*/ 9);

INSERT INTO AUTO\_REPAIR VALUES

(/\*Vehicle\_ID\*/ 13,

/\*Repair\_Charge\*/ 200,

/\*Maintenance\_Service\_ID\*/ 13,

/\*Mechanic\_ID\*/ 10);

INSERT INTO AUTO\_REPAIR VALUES

(/\*Vehicle\_ID\*/ 14,

/\*Repair\_Charge\*/ 200,

/\*Maintenance\_Service\_ID\*/ 14,

/\*Mechanic\_ID\*/ 10);

INSERT INTO AUTO\_REPAIR VALUES

(/\*Vehicle\_ID\*/ 15,

/\*Repair\_Charge\*/ 200,

/\*Maintenance\_Service\_ID\*/ 15,

/\*Mechanic\_ID\*/ 10);

CREATE TABLE CAR\_INVENTORY

(Inventory\_ID NUMBER(11,0) NOT NULL,

Rental\_Location VARCHAR(100),

Type\_of\_Car VARCHAR(100),

Daily\_Rate DECIMAL(5,2),

Disco\_Unit VARCHAR(100),

Date\_Out DATE,

Date\_In DATE,

Vehicle\_ID NUMBER(11,0) NOT NULL,

CONSTRAINT CAR\_INVENTORY\_PK PRIMARY KEY (Inventory\_ID),

CONSTRAINT CAR\_INVENTORY\_FK FOREIGN KEY (Vehicle\_ID) REFERENCES VEHICLE(Vehicle\_ID));

INSERT INTO CAR\_INVENTORY VALUES

(1,

'Ames',

'SUV',

50,

.8,

'17-FEB-2022',

'20-FEB-2022',

/\*Vehicle\*/ 3);

INSERT INTO CAR\_INVENTORY VALUES

(2,

'Ames',

'SUV',

50,

0,

'28-MAR-2022',

'24-MAR-2022',

/\*Vehicle\*/ 5);

INSERT INTO CAR\_INVENTORY VALUES

(3,

'Ames',

'SUV',

50,

0,

'22-APR-2022',

'16-APR-2022',

/\*Vehicle\*/ 4);

INSERT INTO CAR\_INVENTORY VALUES

(4,

'Ames',

'SUV',

50,

0,

'22-APR-2022',

'16-APR-2022',

/\*Vehicle\*/ 6);

INSERT INTO CAR\_INVENTORY VALUES

(5,

'Ames',

'SUV',

50,

0,

'22-APR-2022',

'16-APR-2022',

/\*Vehicle\*/ 7);

INSERT INTO CAR\_INVENTORY VALUES

(6,

'Ames',

'Mid-size',

50,

0,

'9-APR-2022',

'2-APR-2022',

/\*Vehicle\*/ 8);

INSERT INTO CAR\_INVENTORY VALUES

(7,

'Ames',

'Mid-size',

50,

0,

'1-MAR-2022',

'20-FEB-2022',

/\*Vehicle\*/ 9);

INSERT INTO CAR\_INVENTORY VALUES

(8,

'Ames',

'Mid-size',

50,

0,

'1-APR-2022',

'20-MAR-2022',

/\*Vehicle\*/ 10);

INSERT INTO CAR\_INVENTORY VALUES

(9,

'Ames',

'Mid-size',

50,

0,

'1-APR-2022',

'20-MAR-2022',

/\*Vehicle\*/ 11);

INSERT INTO CAR\_INVENTORY VALUES

(10,

'Ames',

'Mid-size',

50,

0,

'1-APR-2022',

'3-APR-2022',

/\*Vehicle\*/ 1);

INSERT INTO CAR\_INVENTORY VALUES

(11,

'Ames',

'Compact',

50,

0,

'3-MAR-2022',

'25-MAR-2022',

/\*Vehicle\*/ 2);

INSERT INTO CAR\_INVENTORY VALUES

(12,

'Ames',

'Compact',

50,

0,

'1-FEB-2022',

'3-FEB-2022',

/\*Vehicle\*/ 12);

INSERT INTO CAR\_INVENTORY VALUES

(13,

'Ames',

'Compact',

50,

0,

'1-FEB-2022',

'3-FEB-2022',

/\*Vehicle\*/ 13);

INSERT INTO CAR\_INVENTORY VALUES

(14,

'Ames',

'Compact',

50,

0,

'1-FEB-2022',

'3-FEB-2022',

/\*Vehicle\*/ 14);

INSERT INTO CAR\_INVENTORY VALUES

(15,

'Ames',

'Compact',

50,

0,

'1-FEB-2022',

'3-FEB-2022',

/\*Vehicle\*/ 15);

Drop Tables if you need to

DROP TABLE "CONTRACT" CASCADE CONSTRAINTS;

DROP TABLE "CUSTOMER" CASCADE CONSTRAINTS;

DROP TABLE "DRIVER" CASCADE CONSTRAINTS;

DROP TABLE "EMPLOYEE" CASCADE CONSTRAINTS;

DROP TABLE "PAYMENT" CASCADE CONSTRAINTS;

DROP TABLE "RECEIPT" CASCADE CONSTRAINTS;

DROP TABLE "RESERVATION" CASCADE CONSTRAINTS;

DROP TABLE "VEHICLE" CASCADE CONSTRAINTS;

DROP TABLE "VEHICLE\_CONDITION" CASCADE CONSTRAINTS;

DROP TABLE "FRONT\_DESK" CASCADE CONSTRAINTS;

DROP TABLE "MANAGER" CASCADE CONSTRAINTS;

DROP TABLE "PORTER" CASCADE CONSTRAINTS;

DROP TABLE "MECHANIC" CASCADE CONSTRAINTS;

DROP TABLE "AUTO\_REPAIR" CASCADE CONSTRAINTS;

DROP TABLE "CAR\_INVENTORY" CASCADE CONSTRAINTS;