William Lentini
05/01/23
Assignment #9
Vehicle Registration

Owner Table:

```
CREATE TABLE William_Lentini_Owner (
OwnerID BIGINT(7) PRIMARY KEY,
FirstName CHAR(15) NOT NULL,
LastName CHAR (20) NOT NULL,
StreetAddress CHAR(20) NOT NULL,
City CHAR(15) NOT NULL,
State CHAR(2) NOT NULL,
ZipCode BIGINT(5) NOT NULL
);

INSERT INTO William_Lentini_Owner
VALUES (10245, William, Lentini, 159ShepherdLane, RoslynHeights, NY, 11577);
INSERT INTO William_Lentini_Owner
VALUES (09134, Julia, Hall, 159ShepherdLane, RoslynHeights, NY, 11577);
INSERT INTO William_Lentini_Owner
VALUES (43719, Eddie, Lentini, 159ShepherdLane, RoslynHeights, NY, 11577);
INSERT INTO William_Lentini_Owner
VALUES (32958, Andrew, Lentini, 159ShepherdLane, RoslynHeights, NY, 11577);
INSERT INTO William_Lentini_Owner
VALUES (20458, Kevin, Hall, 159ShepherdLane, RoslynHeights, NY, 11577);
```

Vehicle Table:

```
CREATE TABLE William_Lentini_Vehicle (
OwnerID BIGINT(7) FOREIGN KEY,
Type CHAR(3) NOT NULL,
MfgDate CHAR(8) NOT NULL,
RegistrationNumber CHAR(6) NOT NULL PRIMARY KEY,
Manufacturer CHAR(15) NOT NULL
);

INSERT INTO William_Lentini_Vehicle
VALUES (10245, 320i, 2018, 832912, BMW);
INSERT INTO William_Lentini_Vehicle
VALUES (10245, M5, 2018, 310384, BMW);
INSERT INTO William_Lentini_Vehicle
```

VALUES (09134, X3, 2022, 493013, BMW);
INSERT INTO William_Lentini_Vehicle
VALUES (09134, X5, 2022, 493013, BMW);
INSERT INTO William_Lentini_Vehicle
VALUES (43719, A3, 2019, 231095, Audi);
INSERT INTO William_Lentini_Vehicle
VALUES (43719, A5, 2019, 129013, Audi);
INSERT INTO William_Lentini_Vehicle
VALUES (32958, Q3, 2020, 679230, Audi);
INSERT INTO William_Lentini_Vehicle
VALUES (32958, Q5, 2020, 840193, Audi);
INSERT INTO William_Lentini_Vehicle
VALUES (20458, Wrangler, 2022, 548193, Jeep);
INSERT INTO William_Lentini_Vehicle
VALUES (20458, Compass, 2022, 102948, Jeep);

Queries:

SELECT FirstName, LastName, MfgDate, Type, Manufacturer
FROM William_Lentini_Vehicle, William_Lentini_Owner
WHERE William_Lentini_Owner.OwnerID = William_Lentini_Vehicle.OwnerID

SELECT FirstName, LastName, MfgDate
FROM William_Lentini_Owner, William_Lentini_Vehicle
WHERE William_Lentini_Owner.OwnerID = William_Lentini_Vehicle.OwnerID
ORDER by Type ASC

SELECT Type, MfgDate, RegistrationNumber, Manufacturer
FROM William_Lentini_Vehicle
ORDER by Manufacturer ASC

SELECT *
FROM William_Lentini_Vehicle
ORDER by MfgDate ASC