FINAL CAPSTONE PROJECT: GRAND CIRCUS CAR DEALERSHIP

Intro: Grand Circus wants to start a new venture by making an API to show its wide selection of cars. This API can then be used by any web application that wants to show this information to everyday customers.

Task:
1. Build an API that will provide information about cars. This information will be stored in a database.
2. Build an Entity Framework CRUD application access the car API. The application will access the data and search it.

What Will the Application Do?
- Car API:
  - The API can show information about cars by using make, model, year, color.
  - The API should be able to send the information back to the client using JSON.
- Web application: The web application that you need to build will be a client for the Car API. The website should provide search capabilities to the user. The user can search for cars by make, model, year, color, or a combination on any.

Build Specifications
- Start by building the database. You mainly need a table to store information about cars (make, model, year, color). The Car API will utilize this database.
- Build the application using ASP.NET MVC with Entity Framework. The application will access the Car API, then use the API to provide search capabilities to the user.

Extended Challenges
- Find another API that you can use to get dealerships for the cars you find.