Let’s practice inheritance and composition

Inheritance

Create a base class named Car, create a sub-class, MiniVan.

Add something special for MiniVan like numberOfSeats, with a special method specific for the Minivan.

Composition

Create a class Engine. A Car should have an instance of an Engine.

Write methods for Car and Engine, now allow access to the Engine methods through the Car.

Write a Main method in a ParkingLot class that has an array of Cars and some of them are MiniVans

Loop through the cars, call methods to manipulate the Engine and check which cars are MiniVans, cast to MiniVan and call MiniVan method