

Car

1. Create a new class that represents a *Car*.
2. Add a *year*, *make*, *age*, and *is classic car* attribute/property to the Car class:
 - *year*: indicates the year that the car was manufactured
 - *make*: indicates the make of the car
 - *is classic car*: indicates if the car is a classic car
 - *age*: indicates the age (in years) of the car from the current year
3. Create a constructor that accepts *year*, *make*, and *is classic car*.
4. Instantiate an object (or objects) in *main()* or *Main()* and use the object(s) to test your methods.
5. Create a method that determines if the car must receive an e-check using an input *int yearToCheck*.
 - Return *true* under the following conditions:
 - even-model year vehicles must be tested if *yearToCheck* is even
 - odd-model year vehicles must be tested if *yearToCheck* is odd
 - Return *false* if an e-check is not needed or the car is exempt
 - a vehicle is exempt if it is under 4 years of age
 - a vehicle is exempt if it is over 25 years of age
 - classic cars are always exempt
6. Override the *ToString()/toString()* method and have it return "*CAR - {year} - {make}*" where *{year}*, *{make}*. The {} are placeholders for the actual values. i.e. the values from the object should be shown in the string where the {} are indicated.
7. Implement unit tests to validate the functionality of:
 - the age calculation
 - the e-check method
8. In the main program class, within the main method, read in the provided csv file *CarInput.csv* and use it to populate a list of *Car* objects.
9. Add up the age for all of the cars in the list and print it to the screen.