Project Garage

by Robert Cecil

Welcome to the garage! A program to store a database of user-created cars and do stuff with them.

**The Car**:

The model for a car contains a few fields:

‘Make’:

‘Model’:

‘Year’:

‘Speed’:

‘Mpg’:

‘Type’:

‘uniqID’:

**Usage rules** for the garage program:

COMMANDS:

'Add' : adds a singular car to your garage.

'Clear': clears all cars from the garage.

'List' : lists all cars currently in your garage.

'data' : displays useful information about the cars as a whole.

'Race' : simulates a race of your cars and tell you the winner.

'Quit' : exits the program.

VERBOSITY:

'V' will toggle verbosity of the program, which controls how much output you want when you enter other commands.

MULTIPLE CAR INPUT:

‘Addfile' will allow you to submit a text file with car data to input multiple cars at once. It should be a plaintext document, [.txt or equivalent].

file input format should be split into lines of parameters, with each line formatted as such:

[Car Make] [Model] [Type] [Year] [Speed] <end of line>

All separated by spaces. Data should be valid, or the program will exit with an error.