Final Project for CAR PLATOON SYSTEM

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In this project, I design and implement 2 different approaches to control the car platoon system, these two approaches are implemented in the simulation experiments to show the validity and effectiveness with a comparison study., and the results are mostly as expected.

Several Instructions to run the simulation:

The way to run Java applet simulation program in the web browser is complicated and not secured.

A more simple and suggested way is to use Java IDE (such eclipse) to open my source project (**file--new--java project--uncheck the "use the default location" box--select the root directory of this source project**), and select corresponding program and click "Run".

Simulation of Fuzzy logic approach is the source file named **CarPlatoonFuzzyControl.java**

Simulation of Fuzzy logic approach is the source file named **CarPlatoonFNN.java**

When the window of the simulation program appears, it would be better to resize it to 1600*380 manually. Or, right-click the source file of the simulation you want to run, **run as -- run configurations -- parameters** -- change the default value of the window size to 1600*380.

Before runing, you should first specify all 5 parameters, and click the "confirm setting" button, then click "run", if you want to take a screenshot at a specific instant, then click "pause" in the same place.