Assignment 3

Description:

Program takes as input the Cars that reach a Narrow Bridge Controls which Car on the each side of Bridge should Cross the Bridge.

The thread creates by the team in different library in the assignment 2.

Compilation:

Program compilation automatically using makefile.

Run make command in terminal to make executable file.

- First: compile separately the file

    library.o and bridge.o

- Create the final executable file with name bridge

Test Cases:

To test the program, we are using the following files:

- Input_1.txt
- Input_2.txt
- Input_3.txt
- Input_4.txt

Execution:

The executable file takes as Arguments the number of Threads that should be used and the Test File we are checking.

So, the command to execute the program is:

. / bridge size_of_bridge < "name_of_test_file"