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// Purpose: Calculate your daily driving cost, so that you can estimate how much money could be saved by car-pooling, which also has other advantages such as reducing carbon emission and reducing traffic congestion.

// Input: Reading the total miles driven per day, cost per gallon of gasoline, average miles per gallon, parking fees per day, tolls per day, number of passengers (sharing the same vehicle).

// Output: Displaying the user's cost per day of driving to work with and without car-pooling.

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// Date: 1/17/2017

// Class: CS1301B

// Program: #2(MyCarPool2.java)

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I learned that you can get Java to calculate things that want you to. I had to think out formulas to calculate the money saved by carpooling. That was a little challenging for me. I had to research several carpooling websites to figure out how to calculate the total cost, cost per passenger, cost per day, weekly, monthly, and annually. Once I figured out how to calculate everything, I went ahead and started to code. A lot of this coding was a lot of “private static…”, “system.out.print…”, and “system.out.printf.” Everything else was straight forward and the rectangle lab helped me understand how to code most of it.

i. Have you documented program: Yes

ii. Is your program well structured, aligned, indented, and easy to read: Yes

iii. Does your class compile without syntax errors: Yes

iv. Does your program satisfy all the requirements: Yes

v. Have you submitted the MyInitials1.java file: Yes

vi. Have you submitted the program report: Yes

vii. Have you zipped the source code file (MyInitials1.java) and the report: Yes