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**Before attempting this lab, it is recommended you complete the “Prep” exercises on CodingBat**


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Create a class called <yourloginID>Lab1.java (Eclipse will add the .java)

Write a program that will set up variables for each of the following:

- Your first name and last name
- How many miles you live from campus (guess if you’re not sure)
- How long (in minutes) it takes you to get to school on one typical day (one-way)
- How many miles you get in your car per gallon of gas (guess if you’re not sure)

Have your user enter

- The cost of gas per gallon. **NOTE: DO NOT HAVE YOUR USER ENTER ANY ADDITIONAL STUFF**

Also define a constant variable for the number of class meeting sessions we have this semester (46).

*Use helper methods as appropriate – 4 at a minimum.* Using these variables, calculate

- the number of hours (in hours and minutes) you will spend in your car driving to and from class this semester
- total mileage this semester
- the amount of money you will spend for gas

Display all of this information as follows

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Student mileage report                <Your name>
=====
Miles per trip                        xxx
Mileage this semester                 xxx
Cost of gas per gallon                $x.xx
Miles per gallon                      xx.x
Cost of gas per trip                  xx.xx
Number of trips                       xxx
Hours/min in the car      xx hours   xx min
Cost of gas for the semester          $xx.xx

```

You may work together with one or two other individuals on this assignment. *THIS MUST BE FULLY DISCLOSED.* Such collaboration must be fully disclosed in the comments at the top of your java code. Each person must submit their own files to receive any credit. If you freeload off your partner, this *WILL* come back to haunt you at exam time.

At the top of your file, you must have a documentation block that includes

- The name of your program file
- Your name AND the names of anyone you worked with on this assignment
- The date
- A short description (“Lab 1” is fine)

Submit your .java file in the appropriate Blackboard Dropbox. DO NOT ZIP.

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