06.03 Post Mortem Review & Analysis

Analysis Questions:

How could the formatting of the output be improved?

I could probably use better spacing vertically and horizontally in the chart to make the data look more consistent and easy to read. More tabs, and spaces could be used to make the numbers look better on the chart.

What question(s) of your own did you answer while writing this program?

One question that I answered while writing this program was: “What is the best way to calculate this data?” and another was “How do I use concatenation without breaking the program?”

What unanswered questions(s) do you have after writing this program?

I only have one question: “How can I space the table out more so it looks cleaner and more consistent?”

Describe the main point of this assignment:

The main point of this assignment was to show me how numbers can be processed using “int” and “double”. It also introduced to me a way to store values using variables. Finally, one important thing that this assignment teaches is the difference between the “int” and “double” and how they can cause errors when type casting isn’t applied/

Discuss how this assignment relates to a real-life situation:

We all have to calculate numbers in the real-world. Programming job or not, we have to face it. When calculating taxes or expenses, it is inevitable that we must process numbers and sometimes lay them out in data form.

Reflect on your growth as a programmer:

Before, I only typed things into the console. Just raw pieces of text and messages using “System.out.println”. But now, I calculated things, stored them in variables and then printed them into the screen. So I am progressing and learning more Java.

Describe the biggest problem encountered and how it was fixed:

The biggest problem for me was the casting. It was a bit tough to get at first. I didn’t understand the order. I kept putting the (double) in the int. But since you can’t get more specific, the only way I could do it was but (int) in the double. Then it started to work.

Describe at least one thing that will be done differently in the future:

I need to improve my spacing and my commenting. So I will definitely keep that in mind for future assignments. Also if I ever need to make another table, I will find a better way to do it.

Suggest how this assignment could be extended:

You can always ask to make more cars for more practice on processing numbers and casting.