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CMPSC 121

Lab 7

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Reflection

I found this lab to be relatively straight forward. Activity11 really helped me understand how to read in values from files with a while statement. One thing that threw me for a loop (no pun intended) on this Lab and on a previous Lab is calculating the lowest value of something. I feel I took the easy route by initializing worstMPG to 9999999 and checking if the trip MPG was lower, and if so, assigning the trip MPG to worstMPG – repeating this process until the end of the file. I think the alternative and more dynamic way (which would have required more lines of code) would have been to set the worstMPG to the value of the trip MPG on first iteration (I could have used the counter to know what was the first iteration) of the while-loop, regardless of its value. Then, on subsequent iterations, check if the value is lower than worstMPG. I don’t know if there is anything necessarily wrong with the way I coded this because realistically, a vehicle’s MPG would never be 99999999. Really enjoyed this one!