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Parking Classes Reflection (Week 6)

ICT-4305

This week was by far one of my most challenging weeks in the course of learning Java. That being said, it did provide me with some great learning and additional research skills. My biggest headache this week was getting the ParkingOffice class working and implemented. I had a lot of trouble getting the registration methods working for Customer and Car during initial revisions of the code. I ran into some compiling errors due to issues with constructors in these classes and the arguments in ParkingOffice. I was challenged with this basically all night before coming up with some methods to get the compile to give me the results I needed. I really wish I had a better understanding of constructors before starting, but that’s what challenges are for.

Other than my massive headache with ParkingOffice, I found Money and ParkingCharge pretty easy as I was able to use a lot of concepts I had previously used. One I had to circle back on was using LONG instead of Double. Upon my research, I found this would offer better calculations for permits.

One of the best things I did for myself was to take this one class at a time. Approaching this in increments and implementing one by one was helpful and gave me a clear head (Until I got to ParkingOffice).

One decision I made was to issue temp IDs for customers and cars to improve readability. This really enhanced clarity and kept the code simple and easy to follow as I got more into the project.

Overall, the week did provide a challenge, but it was welcomed as I did learn quite a bit.

A screenshot of a computer

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