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Lab 1 Report

In this lab, we were introduced to Atmel software and programming on it. The lab was pretty straight forward once we figured out how to run the debugger and how to set break points. In this lab, some of the problems we had were logic problems. One of our problems was not masking with the right bits. We would end up using the wrong binary numbers and changing bits we shouldn't have changed. We fixed this errors after figuring out which binary numbers to use. We also had logic errors in fixing our counters in the parking sensor exercise. We realized we were incrementing at the wrong time and we were easily able to fix this. In this lab, Abraham coded most of the exercises, but struggled with logic design. Rogelio helped fix errors in the code as we had values incrementing and decrementing at the wrong times. Overall, the lab was a success and we finished it in the allotted time.