Lab 1

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Section 75C9

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* Prelab Questions:

1. What is the difference between program and data memory?

*Data memory is where we have the variables. Values are read and written into the data memory. Program memory, is where we store the program, we store constants.*

2. What memory location should the .DSEG section should start? Why?

*0x002000, because the data segment stores values in the SRAM and that's where it's located.*

3. What registers can we use to read from the program memory (flash)?

*Register Z.*

* Problems Encountered:

Instead of using lpm I used ld operation so the contents f the table wasn't loading since it's from the program memory that I have to load

* Future Work/Applications:

This lab gave as an introduction to assembly which will be useful for later labs. Assembly is used today for special applications and it will be useful for our microprocessor.