Lab 7 Report

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## Overview

This lab had us implement the oft-used C function printf. In addition to simply implementing it, we also practiced writing a program that used a combination of C and Assembly. Doing this will help prepare us somewhat for the team project later this semester where we will use Assembly and C together.

## Obstacles

* At first we forgot that the arguments to uprintf were passed as function parameters. This wasted some time as we thought we had to read the values as if they were written in the format string.
* Converting a decimal value to hex was slightly difficult as we misused our mask in the first few attempts, which led to erroneous values being printed.

## Results

We successfully completed all of the lab instructions.

This lab gave us experience doing base conversions and manipulating numbers, as well as gave us appreciation for the work printf does. We are very glad we don’t have to write our own printf function every time we want to print something.