15-213/15-243: Introduction to Computer Systems

Summer '11: Recitation 1 Practice Sheet

Remember that these problems are not graded in any way.

Since we have not covered all the much in the form of new material, please refer to both the recitation slides and those of the lectures for the material covered in the last few days. In future, there will be a brief synopsis. What follows are a few additional problems that you may find interesting.

1. **Write out the results of** $((\texttt{0x50F} \mathbin{\&} 15) << 3) \mathbin{\hat{}} 255$ **in both big and little endian.**

2. **Write a function** `int abs(int x)` **that takes the absolute value of its 2's complement 32 bit input.**