

Due Tuesday, 07 Sep 1999, at the beginning of class.

The first problem must be completed by Thursday!

## 1 Reading

Read Chapter 1 of the textbook.

## 2 Problems

1. (**Complete by the beginning of class Thursday!**) Open an account on the computer science network. For instructions, see the WWW page <http://www.cs.trinity.edu/~joldham/1320/handouts/CSAccounts/>.
2. In class, we created an algorithm to write the binary representation of any positive integer. Create an algorithm to write the hexadecimal representation of any positive integer. Present the algorithm using pseudocode similar to that we used in class.
3. Create a chart of binary, decimal, and hexadecimal notation for the integers 0, 1,  $\dots$ , 20 (where 20 is written in decimal notation).