CS 5114
Homework Exercise 1

Given: January 18, 2000 **Due:** January 28, 2000

The point value of each problem is shown in [ ]. Each solution must include all calculations and an explanation of why the given solution is correct. In particular, write complete sentences. A correct answer without an explanation is worth no credit. The assignment must be *submitted* to the instructor by 12:00 noon on January 28, 2000. See syllabus for late policy.

Electronic preparation of your solutions in LaTeX is mandatory. Here is the suggested procedure.

> Retrieve this LaTeX source file `homework1.tex` from the 5114 Web pages. Enter your solutions in the locations explained by LaTeX comments (`%`). Also enter your name in the `\student` command and uncomment the line near the beginning of the file that uses the `\student` command. When you are satisfied with your solutions, print a copy and turn it in during class or no later than noon on January 28, 2000.

[**10**] **1.** CLR Problem 2-3.

[**10**] **2.** CLR Problem 4-1.

[**10**] **3.** CLR Problem 4-2.

[**10**] **4.** CLR Problem 5-2.

[**10**] **5.** CLR Problem 6-2.
