

CS 5114

Homework Exercise 2

Given: January 26, 2000

Due: February 4, 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 February 4, 2000. See syllabus for late policy.

Electronic preparation of your solutions in L^AT_EX is mandatory. Here is the suggested procedure.

Retrieve this L^AT_EX source file `homework2.tex` from the 5114 Web pages and rename it `solvehw2.tex`. Delete these instructions. Enter your solutions in the locations explained by L^AT_EX 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 February 4, 2000.

Electronic submission is optional. If you use electronic submission, send an email to `cs5114@courses.cs.vt.edu` with subject `Solutions to Homework Assignment 2` and with two attachments: `solvehw2.tex` and `solvehw2.ps`. Your email must be *received* by 12:00 noon on February 4, 2000.

[25] 1. CLR Problem 8-3.

[25] 2. CLR Problem 8-5.

[25] 3. CLR Exercise 10.3-8, page 192.
