

CSc 437
Homework 4 (100 pts.)
Due: 11/8/01

Instructions. All assignments are to be completed on separate paper in neat, legible pencil. Use only one side of the paper. Assignments will be due at the beginning of class, or if you can not make it to class put your assignment in Jesus Arango's mailbox. Please hand in your assignment inside a manilla envelope. To receive full credit, you must show all of your work.

Unless otherwise specified, all questions are taken from the textbook, from the version spreaded in class.

All questions are taken from the new version of the book.

1. 5.1. You may assume that $n = 4^k$ for an interger k .
2. 5.2
3. 5.3 - think but don't submit.
4. 5.4
5. 5.5 a,b.
6. 5.10
7. 5.13 a
8. 10.6
9. 10.8 a
10. 10.9
11. 6.1
12. 6.4
13. 6.5
14. 6.6