

**CS 215 - Fundamentals of Programming II**  
**Spring 2008 - Homework 3**  
**25 points**

**Out: January 30, 2008**

**Due: February 6, 2008**

Answer the following exercises from the textbook. When a question says "implement" just write the implementations on paper. You do not need to type the code into a computer (unless you want to, of course).

1. (2 points) Exercise 12 on page 173.
2. (3 points) Exercise 16(a) and 16(c) on pages 173-174.
3. (4 points) Exercise 25 on pages 175-176. **Justify your answers.**
4. (4 points) Exercise 26 on page 176. **Justify your answers.**
5. (6 points) Exercise 36 on page 178.
6. (2 points) Exercise 37 on page 178.
7. (4 points) Exercise 39 on page 179.