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 the 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.
5. (6 points) Exercise 36 on page 178.
6. (2 points) Exercise 37 on page 178.
7. (4 points) Exercise 39 on page 179.