Assignment 2 is due at the start of class on **Wednesday, February 7**.

Instructions

Write the answers to the following exercises, in order. If you create a file containing your answers, print the file. Staple pages together, and include your name. Turn in your work in paper form at the start of class.

Exercises

1. Do exercise 2.2.4 on page 53.

2. Do exercise 2.2.1 on pages 52–53.

3. Do exercise 2.3.4 on pages 66–67. **Briefly** explain how you followed the instructions: "Try to take advantage of nondeterminism as much as possible."

4. Do exercise 2.5.2 on page 79.

5. Do exercise 2.5.3 on pages 79–80. **Briefly** explain how you followed the instructions: "Try to use ϵ-transitions to simplify your design."