Homework may be typed or handwritten. Either way, it's due at the start of class on January 16th. If you type your homework, it is preferred that you print it out and physically hand it in. However, if you're unable to print it out you may email a PDF (*not* a Word document!) to your grader at yc75@uw.edu before the start of class.

The homework problems are from Sundstrom's *Mathematical Reasoning*, available here:
https://scholarworks.gvsu.edu/books/9/

Throughout the course, you should imagine that you are writing your proofs so that they can be understood by someone who is also taking Math 300 at the same time. For this assignment your solutions should be informal explanations or truth tables. As we progress in this class and learn more techniques, the format of your proofs will change.

On all assignments you should use complete sentences to say what you're doing. Scratch work and a mess of symbols will not get you very far.

For this assignment, please solve:

- Chapter 2.1, pages 40-42, problems 3, 6, 9, 12.

- Chapter 2.2, pages 49-50, problems 3, 4, 5, 8.

For extra practice, I recommend completing the progress checks in chapters 1.1, 2.1, and 2.2. (Don't hand in the progress checks. Just think about the problems on your own. You can look up solutions in the back of the book.)

The first weekly quiz will happen at the start of class on January 16th, and will cover the same topics as this assignment.