Part I (due Wednesday, September 2 at the beginning of class)

As stated in the syllabus, you will need to type some solutions each week using LaTeX, a typesetting system used by mathematicians and others (check out the Wikipedia page on TeX if you want to see a long list of disciplines in which it's used, several of which may surprise you!). LaTeX was originally created by Donald Knuth, a computer scientist at Stanford, to typeset mathematics beautifully for the second edition of the first volume *The Art of Computer Programming* his major work on computer science. For an introduction, read sections 3 and 5 in Getting Started with LaTeX. Then go to Overleaf and make yourself a free account so you can use it in the future for writing documents in LaTeX. Feel free to try things out (you can upload the problem template LaTeX file that's at the top of the Daily Work section on our course webpage), and I'll do a quick demo in class Wednesday.

No reading questions for today.

Part II: Exercises (for presenting Wednesday, September 2)

Number 5 on the green Conditional Statements handout from Friday.

Part III: Problems (due Friday, September 4, at the beginning of class)

1. Using the definition of odd integer, prove that the sum of two odd integers is even. Note: you can find the definitions in writing on p. 16 of the textbook if you want to see them again.

Colloquium Reminder

Math and Science Colloquium is on (most) Tuesdays from 11:30–12:20 in the South End Dining Hall. On Tuesday, September 1, Professor Eli Knapp and I will give a brief recap of our sabbaticals in Spring 2026 and answer questions about our sabbaticals and sabbaticals in general. You are welcome to come, and if you do come and write a paragraph about what you learned and what was surprising to you, you can earn an extra token.