CSC 240

THEORY OF COMPUTATION

Are there natural laws which govern
what we can do with computer science?

Which types of problems can be solved by a computer?

Computability Theory

How can we quantify the difficulty of a problem?

Complexity Theory

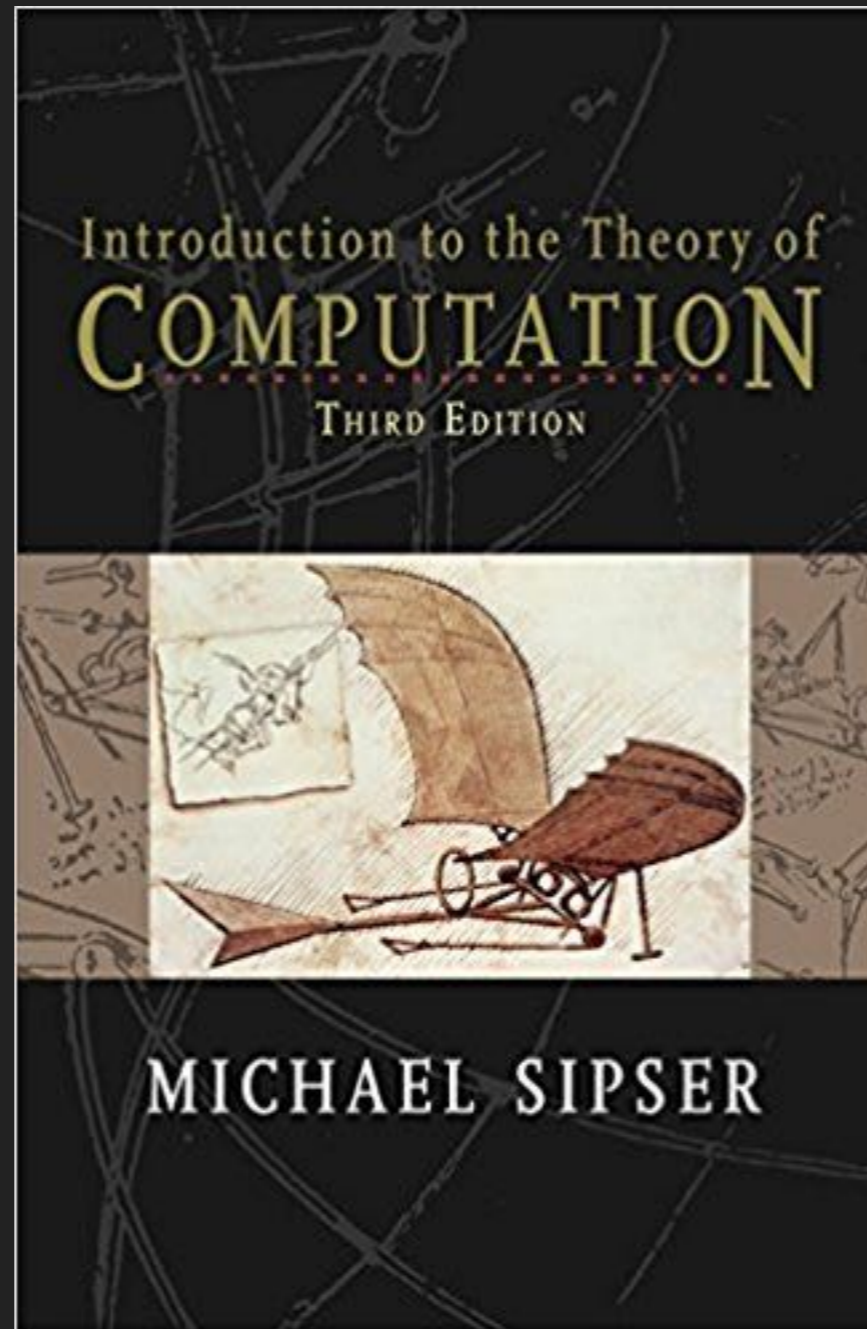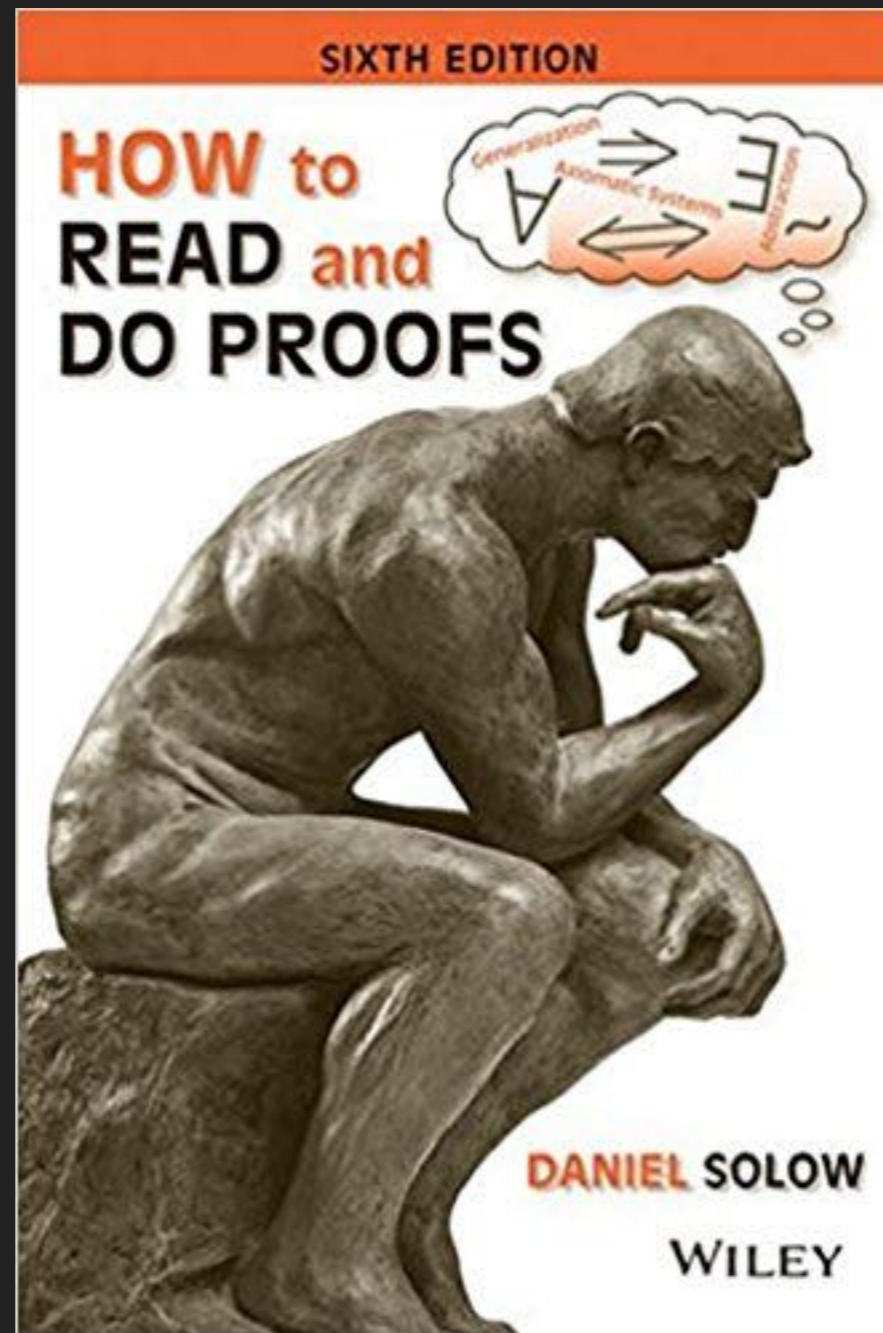How can we prove that our answers to these questions are correct?

Discrete Math

▸ CSC 220 - Data Structures and Algorithms (formally numbered as CSC 324)

▸ Discrete Mathematics - CSC222 / MAT 332.

▸ Rusty high-school Algebra

▸ A willingness to work hard

▸ A desire to learn

▸ Courage to overcome the human mind's occasional fear of math, logic, and proofs.

▸ DON'T MISS CLASS

▸ Start the homework early

▸ Ask for help before it's too late

Course Materials

Course Materials
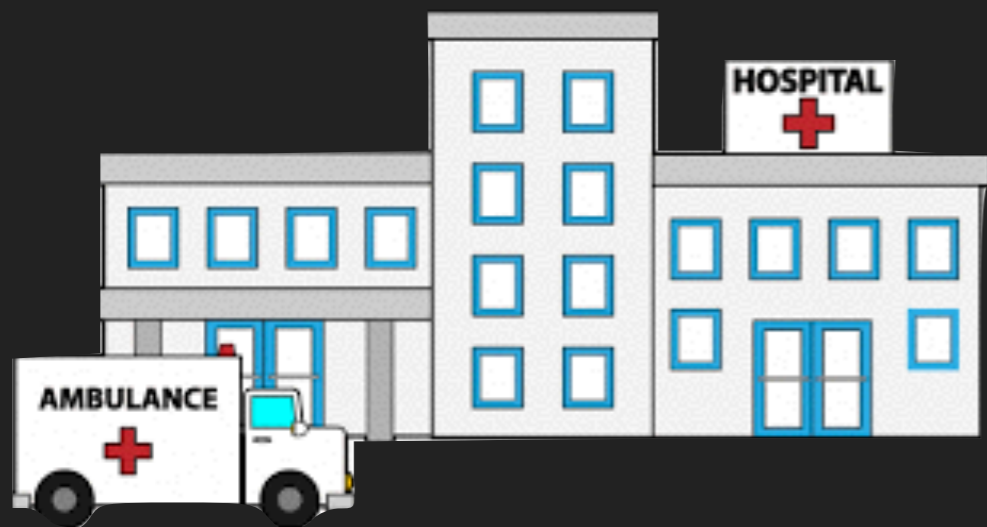
▸ Homework Problems: 70%

▸ Midterms: 20% (10% each)

▸ Final Exam: 10%

Weekly assignments may be turned in late, but at a penalty of 10% per day late.

Quarterly midterms and finals can't be made up for any reason outside of instructor-approved ~~unforeseen~~ emergencies*.

▸ Honor Code

▸ Accommodations

▸ Title IX

Assignment Schedule

https://svu-falin.github.io/csc240/schedule.html