General Advice

• Study the “End-of-Chapter Material” including the “Review Questions,” “Supplementary Exercises,” “Computer Projects,” etc.

  Chapter 6 (p. 439)  Chapter 7 (p. 494)  Chapter 9 (p. 633)  Chapter 10 (p. 735)

• You may skip topics we did not discuss (or have not yet discussed) in class (Sections 6.5–6.6, 7.4, 9.5–9.6, 10.5–10.8).

• Review the Python solutions to HW4–HW7. You will be required to write a small amount of code during this exam. See the “Computer Projects” in Chapters 9 and 10 for inspiration.

• The exam itself will be closed-book, closed-notes, and no-calculator.

• Please use a pencil, write clearly, and show all your work.

• You will have 50 minutes to complete about 6–7 problems.

Practice Problems

*I don’t expect you to complete all of these problems over the weekend. Focus on the ones you feel less prepared to answer if they were on the exam.*

Chapter 6

Exercises 1, 3, 5 (p. 440) – supplementary exercises

Chapter 7

Exercise 5 (p. 496) – the exam won’t be as difficult
Exercise 5 (p. 475) – clearly define your variables

Chapter 9

Exercises 3 and 7 and 8 (p. 634) – review questions
Exercises 1 and 7 (p. 635) – supplementary exercises

Chapter 10

Exercises 3 and 9 and 11 (p. 737) – make up a graph to answer these problems
Exercises 37 and 39 (p. 676) – define the isomorphism, don’t just say “yes”