Exam 1 will cover the material from our textbook in Sections 1.1 to 1.5 and 2.7 to 2.9. To prepare for the exam, I recommend the following.

- Memorize all the definitions that I stated in lecture. Note that you do NOT need to memorize the ordered field axioms (A1-A4, M1-M4, DL, O1-O5).

- Review all the assigned HW problems from the sections listed above. Your goal is NOT to memorize the solutions to these problems but rather to know these solutions well enough so that, if asked, you could do one of these problems or a part of one of these problems on the exam.

- Know the proofs of the following Theorems and results. Some of these I did in lecture. Some I did not. Your goal is to know the proofs well enough so that, if asked, you could reproduce one of these proofs or a part of one of these proofs on the exam.
  - Theorem 3.5 (iii)
  - Archimedean Property 4.6
  - Theorem 9.2
  - Theorem 9.9

- Do the following additional practice problems.
  - p.5, #1.6
  - p.18 #3.5(b)
  - p.25 #4.5, 4.7(a)
  - p.42 #8.9
  - p.53 #9.1(b),(c), 9.9, 9.10