The following assignment is to be turned in on
Friday, February 19th, 2010.

(1) Each of the problems 22, 23, and 24 on page 100 are good. Do one.
(2) Do problem 26 on page 100.
(3) (Integration by Parts) Prove Theorem 3.36. Also, do homework
    problems 34 and 35 on page 108.
(4) Do problem 27.
(5) Problems 37 and 42 discuss classic mathematical topics. Do both.
(6) Read Section 4.1. Complete the proofs I skipped over in class. Many
    of the problems on pages 117-119 are good. Make sure you have read
    each of them. There is nothing to be turned in associated with this
    problem.