Assignment 4 hints, first portion

QUESTION 1: See exercises 1–5 at the end of chapter 6 for examples of similar questions.

QUESTION 2: Use either the logical equivalences of section 6.6, find a counter-example, or use definition 6.6 directly.

QUESTIONS 3 AND 5: See the lecture notes on iterative correctness. If the methods are not correct, this should become clear while trying to prove partial correctness or termination. Vector methods add, addAll, and elementAt are documented in:

> java.sun.com/j2se/1.4.2/docs/api

QUESTION 4 AND 6: In today's lecture we will discuss recursive correctness. This is also covered in the Course Notes.