1. Exercise 4.1, part (a), "Each iteration of the algorithm" means each iteration of the while loop.

2. Exercise 4.2

3. Exercise 4.4

On the first two exercises, make a table as in figure 4.14. The point of these "follow the algorithm" exercises is to deepen our understanding. So put a little thought into what you are getting. The result should be a couple of "aha" moments as well as a table.

On exercise 4.4, a small-as-possible counterexample with explanation will be sufficient and appreciated.

Extra credit: Do any other exercise of chapter 4. If you do this, put it on a separate page, handed in separately. First quote verbatim the exercise statement. Vis a vis grades, this counts toward the participation 5%.