CSCE 5150, Fall 2007
Homework- 4
Due: 10/30/2007

Solve the following problems from the text book:

1. Page 364 15-1

2. Page 367 15-4

3. Page 369 15-7

4. a) Design an algorithm for computing the number of shortest paths between any pairs of vertices x, y in a graph.

    b) Fix an edge in e=ab. Design an efficient algorithm for number of shortest paths that contain e.