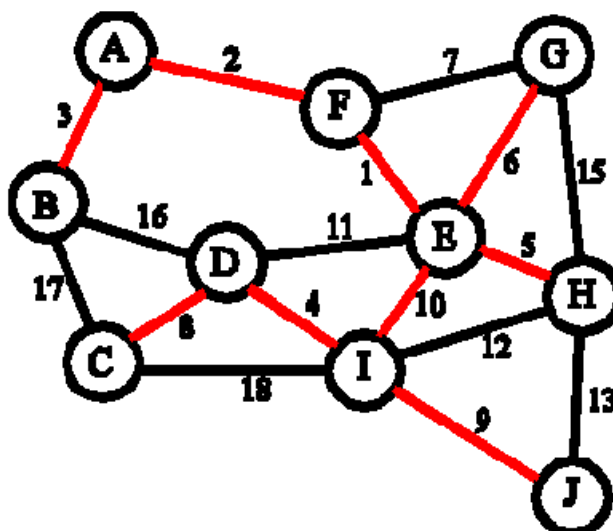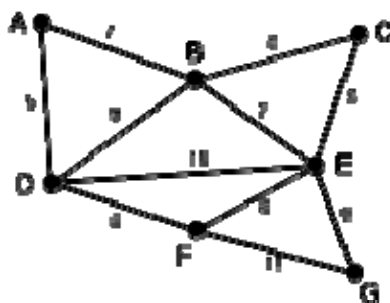# CSC 210 Homework #8

Due Monday Feb 25, 2008… One point.

1. Find the minimum spanning tree (MST) of graph #1 using Prim's algorithm:

Graph #1

2. Find the MST of graph #1 using Kruskal's algorithm.

3. Find the MST of graph #2 using Prim's:

Graph #2

4. Find the MST of graph #2 using Kruskal's.

5. What is the breadth-first traversal of Graph #2, starting at vertex A?

6. What is the depth-first traversal of Graph #2, starting at vertex A?

7. Please do problems 1 & 2 on page 654 of our textbook. Start at the lowest-ranked node.