

Computer Science 225 (Fall 2007)

Assignment 5

Due: 4:30pm, Friday, Nov 30, 2007

Paper submission: drop-box on the second floor of the ECS building.

Please describe algorithm with pseudo code.

Please write down your name and student number.

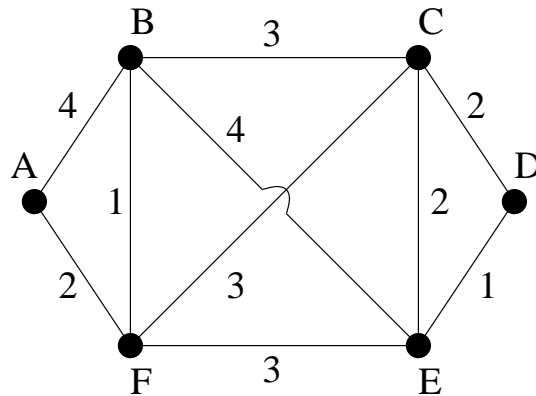
Unless otherwise stated, from: Goodrich and Tamassia, Algorithm Design: Foundations, Analysis, and Internet Examples

1. Page 336, R-6.9 [1]

2. Page 337, C-6.15 [2]

3. Page 338, C-6.18 [2]

4. Please find the shortest paths and distances from node A to all other nodes, following Dijkstra's algorithm. [2]



5. Page 376, R-7.2 [2]