CS16 Section 8 Mini-Assignment

Due in your section the week of:

4/6 - 4/8

Problem 1: Graphs

In the following graph:

1. Find the shortest path from B to J.

Problem 2: Topsort

Explain the topsort algorithm at a high level. How is it used? What does it do? What are its limitations? Then, come up with your own example (not courses/prerequisites!) where the topsort algorithm could be applied, and give examples of at least 5 nodes (i.e. classes) and a proper sorting.

Please bring a hard copy of your mini assignment to turn in at the beginning of section.