

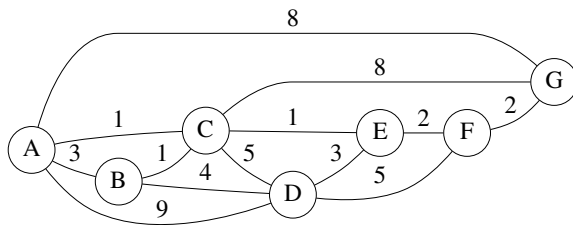
Today: Minimum Spanning Trees. §§ 23.*.

Next class: Single-source shortest paths. 24. {0,1,2,3}.

Reminders: Read material *before and after* class. Use the class newsgroup.

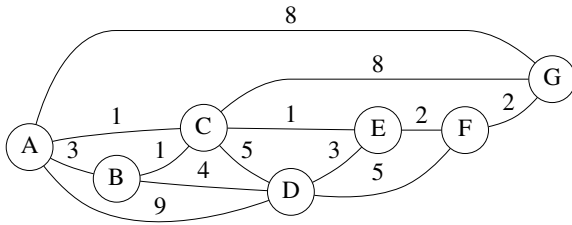
1. List the members of your group below. Underline your name.

2. Trace the operation of MST-KRUSKAL on the following graph using the conventions of Figure 23.4 (p. 632) of the textbook. In particular:
 - depict the state of the algorithm after each iteration of the second for loop;
 - highlight edges belong to the forest A using double-lines; and
 - draw an arrow pointing to the edge under consideration.



[additional space for answering the earlier question]

3. Trace the operation of MST-PRIM on the graph of Question 2, with initial vertex A , using the conventions of Figure 23.5 (p. 635) of the textbook.



[additional space for answering the earlier question]