Algorithms
Computer Science 140 & Mathematics 168
Instructor: B. Thom
Spring 2004
Homework 8a
Due on 3/11/04 (beginning of class)

1. **[10 points] Greed is G-r-e-a-t!**

   CLRS, Exercise 23.2-8 (page 574). If the algorithm works, use the General Theory of Minimum Spanning Trees—you should apply the Big MST Theorem here—to prove it. If it doesn't work, give a counter example by showing the tree constructed by the algorithm and contrasting it with some better tree. Also, if it doesn't work, explain what it is that keeps the General Theory from being applicable here.