Homework 13A

This is a voluntary homework. Solving it, you can gain extra points to the exam. Hand in before the next lecture i.e. 20 Dec 16:15 (either on my desk in the classroom or send to my e-mail). You are eligible for getting points only if you hand in on time and only if it is solved (more or less) correctly.

Problem. Is the minimal spanning tree determined uniquely? Try to construct an example of a weighted graph that has a unique minimal spanning tree. Try to construct an example of a weighted graph that has exactly two minimal spanning trees.