

Programming Report # 6

Prim's Algorithm

Due April 19, 2010

For this report, you are going to implement Prim's algorithm for finding the minimum spanning tree of a graph.

Experiment #1:

Given the city data provided, find the minimum spanning tree for all the cities in the data.

Experiment #2:

Demonstrate visually the differences between your results and the “tree” corresponding to actual highway information.