RECITATION 10

Homework Directions:

Make a reasonable attempt at implementing all empty methods in "PrimMST\_HW.java" and "GraphReader\_HW.java", and develop your own implementation of "Graph\_HW.java". You may use the live code written in recitation (no guarantee that it is correct). Please also note that "Graph\_HW.java" has additional restrictions on the behavior of the class, but you are otherwise given free rein to create a class representation that is most intuitive to you. An example input file, "exampleGraph.txt", is provided to you for convenience, but you should also create your own example to test. If you get stuck, please comment inline how you are stuck and what solving it would accomplish. If you worked with anyone, please comment at the top of the main file with who you worked with. Please ensure the code can compile before submission; non-compileable code or leaving any empty section blank will receive a 0 for the implementation portion.

Writing Section Additional Directions:

Please write at least one paragraph response to the following:  
"A politician is seeking your consulting on choosing roads to widen within the town. He has heard about minimal spanning trees before, and suggests to generate a map-like graph of the town, with key landmarks and major intersections as nodes and the existing road network in place as edges, where the minimal spanning tree would indicate which roads should be widened. Provide at least one reason why this is a BAD idea."

Please include at least one cited source from a reputable place (no Wikipedia, etc.).

Submission Directions:

Please submit all files into a zip file with the following name "<LastName>\_<pittUsername>\_Recitation10.zip"

to haz78@pitt.edu (TA) before the beginning of the next recitation. Late submissions will not be accepted.