Objective:

Work with graphs and ***Kruskals algorithm*** for ***minimum spanning trees.***

Overview:

The pseudocode for Kruskals algorithm is given in the textbook to find a minimum

spanning tree of a graph. Your program will find the minimum spanning tree

among a set of cities in Texas.

Details:

Write a ***command-line program*** that uses ***Kruskal's algorithm***（提供） to find **a *minimum spanning***

***tree of a graph.*** The graph will be provided as a file named **assn9\_data.csv.**（提供） The

data in the file is in the form of an adjacency list.

You must use the author's ***DisjSets class***（提供） without modifying it. You can either use

one of the author's priority queue classes or you can use the **PriorityQueue class**

provided in Java.

You should ***output each edge*** of your minimum spanning tree as ***the names of the two***

***cities*** and ***the distance between them***. You should also ***print the sum of all of the***

***distances*** in the tree.