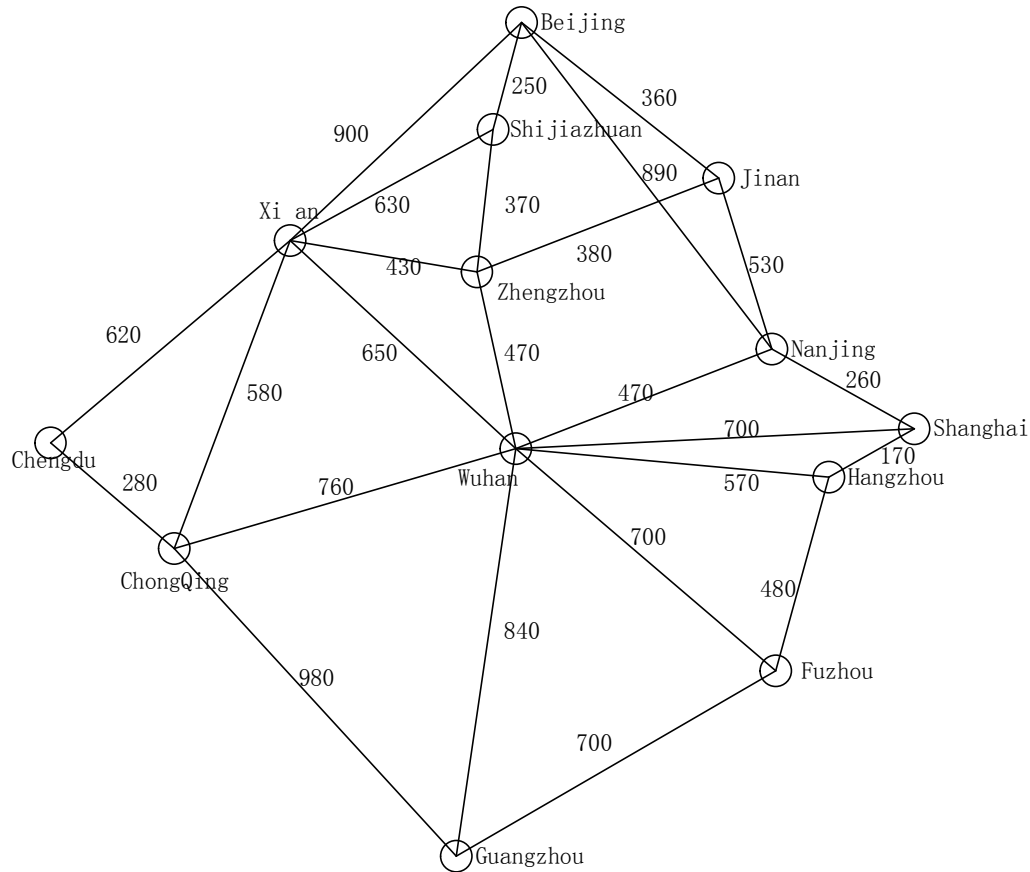**Lab 06:** *Submit the final pdf report and source code before the due date.*

Suppose we have a road map (a weighted graph) which shows the distance between part of cities in China.

Q1: Show (use figures or tables) the process of contructing a minimum spanning tree of this map using Kruskal's algorithm.

Q2: Show (use figures or tables) the process of finding the shortest path between Beijing and Guangzhou using Dijkstra's algorithm.

Q3: Implement Prime algorithm for minimum spanning tree on the above map.