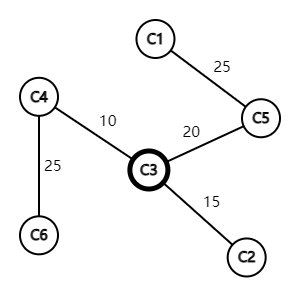
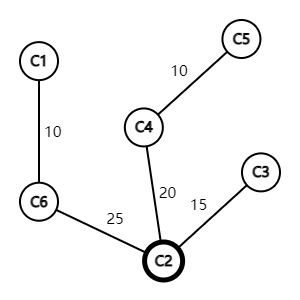
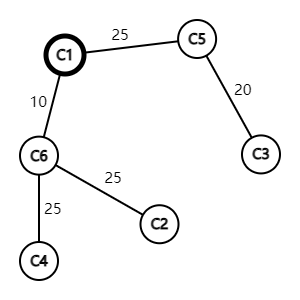
**第一次图论作业**

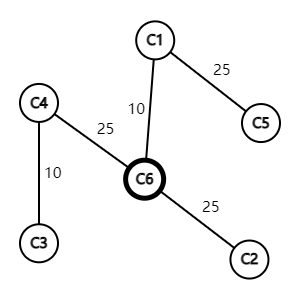
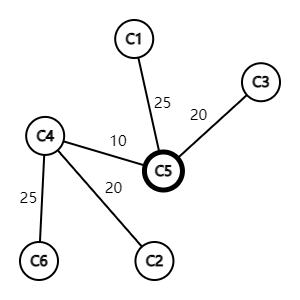
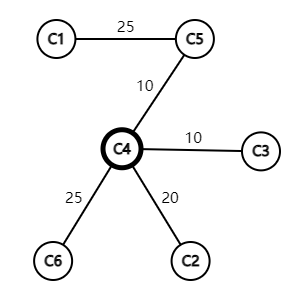
姓名：郑有为 学号：19335286

1. 使用Dijkstra算法获得每一个城市节点Ci关于其它5个城市节点的最短路径树。

结果：

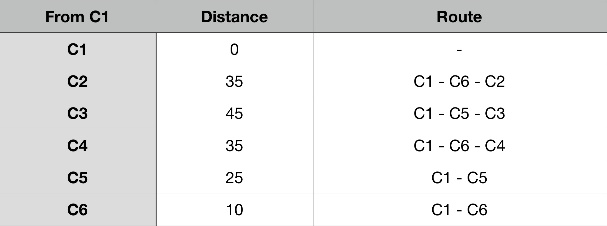
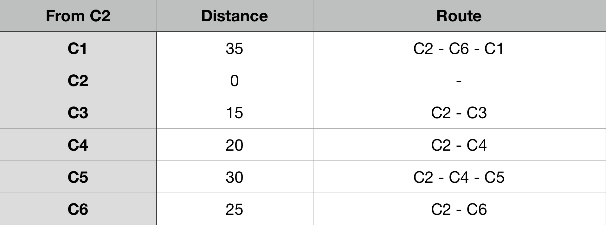
1. 六棵最短路径树（其中加粗的节点为根节点，最短路径树表示从该节点出发到其余各节点的最短路径）

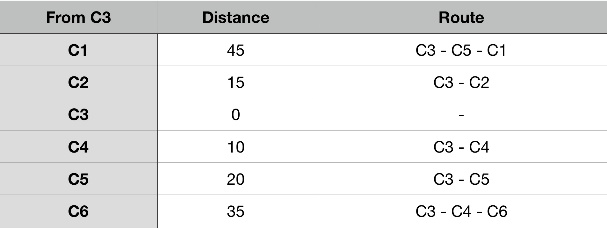
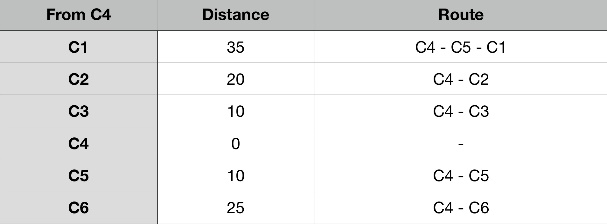


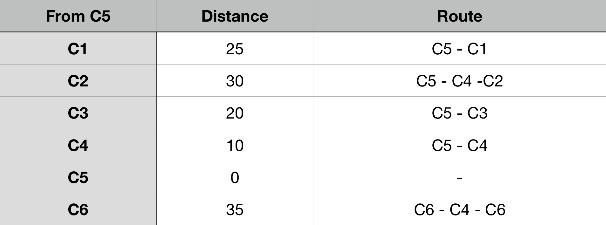
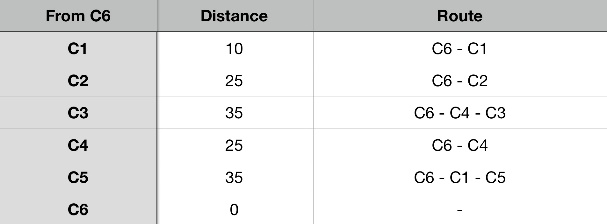


无向图生成网站：https://csacademy.com/app/graph\_editor/

2.最短距离路径表：

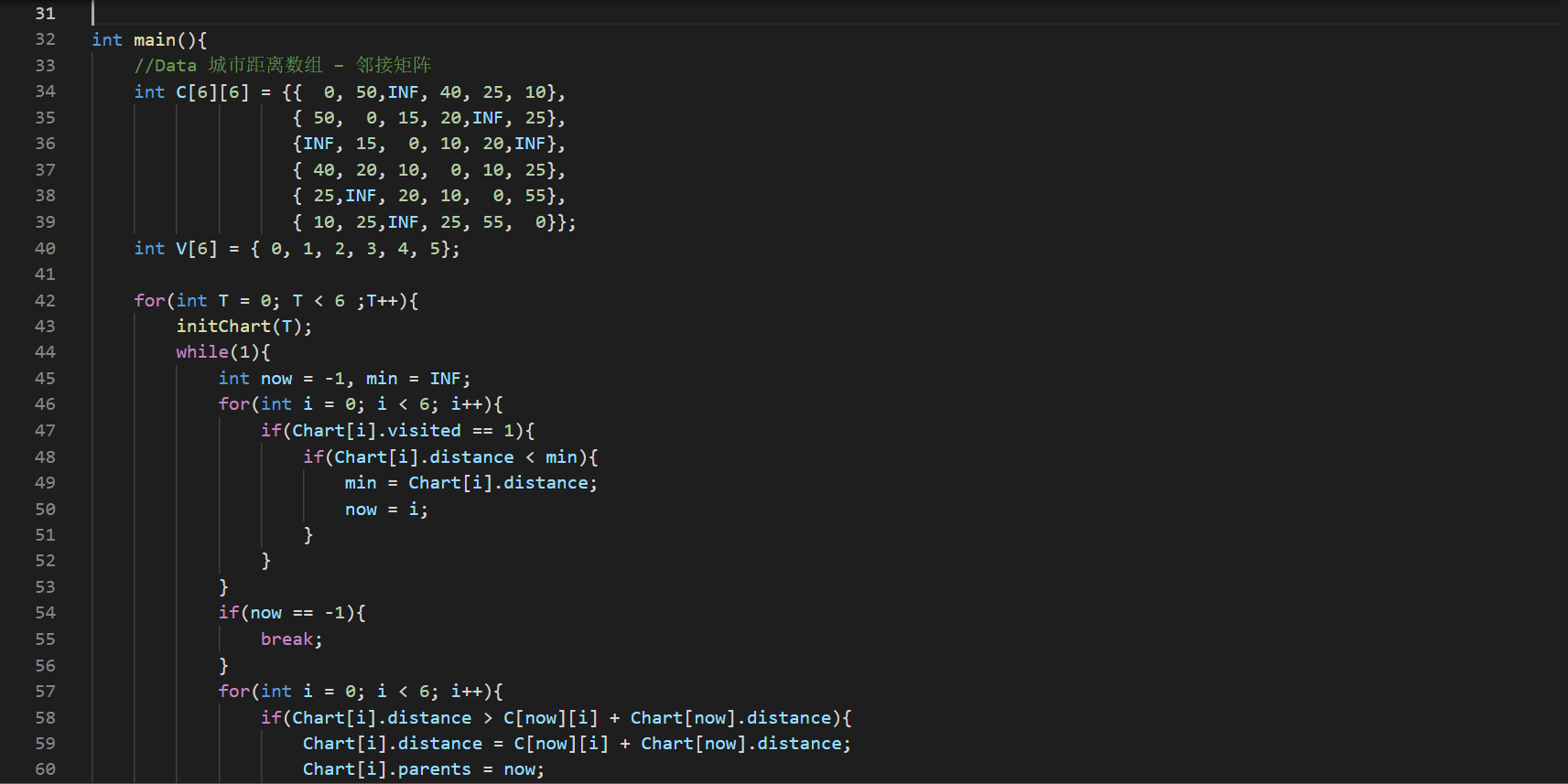
 

附:

代码（C语言）：







程序运行截图：

