

Problem #6

Weighted Graphs:

Does the hand analysis agree with the program?

Yes, the hand analysis does mach the results from the simulations

```
a) Find the shortest distance between ORD(3) and LAX(6): 2037
b) Find the shortest distance between JFK(4) and SFO(0): 2590
c) Find the minimum spanning tree:Edge Weight
6 - 1    1234
4 - 2    189
1 - 3    803
3 - 4    743
4 - 5    1093
0 - 6    338
4400

RUN SUCCESSFUL (total time: 199ms)
```