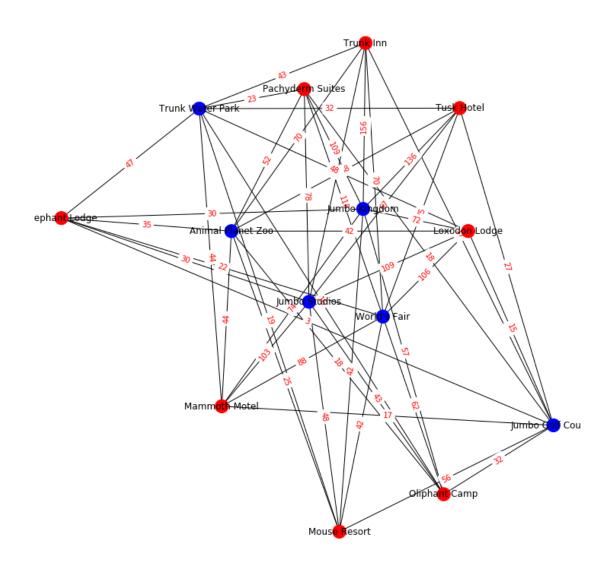
COMP 150NS: Network Science Tufts University HW 1

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1. Jumbo Kingdom is the most popular and Jumbo Golf Course is the least popular.

2.



- 4. Most nodes will have less edges. Take Smith's family for example, they have 357 edges in question 3 and only 175 edges in question 4. But for some nodes, such Robinson's family, the number of degree should increase (from 0 to 112).
- 5. Assuming people will be more likely to stay in the hotel that is close to the park that they are visiting that day and based on the result we get from question 2, we can make the following guess:

Tusk Hotel and Trunk Inn are close to Jumbo Kingdom
Pachyderm Suites is close to Jumbo Kingdom and World's Fair
Oliphant Camp and Mammoth Motel are far from Trunk Water Park
Elephant Lodge, Trunk Inn, Pachyderm Suites and Loxodon Lodge are far from Jumbo
Golf Course