Problem 1. You are currently in Room 343 in Altgeld Hall. You need to get to the post office (on the first floor of Altgeld), Room 129 (that is my office), the Math Library, and Room 314 (the large lecture hall), and then return back to Room 343.

(a) Add weights to the edges according to the amount of time it takes to get from one location to another. (To find out how much time it takes, you should actually walk there! Note that Room 314 has two entrances.)

(b) Find an efficient TSP route in the resulting weighted graph.

(c) Take the route that you found!