Homework Day 12: FloydWarshall

Homework#1 – Mountain Thunder: (Identical output to debug cases but got runtime error)

* Build a graph of the input
* Calculate the distance between two nodes
* If the distance between I and j > 10.0 => graph[i][j] = INF

Else: graph[i][j] = distance

* Run FloydWarshall for all nodes in the graph, if exists 1 node not reachable (infinitive distance) then output Send Kurdy, else print out max distance

Homework#2 – Meet the Professor:

* Build 2 graph: graphA and graphB
* graphA contains all streets which allow people < 30 to travel

graphB contains all streets which allow people > 30 to travel

* Run FloydWarshall on graphA and graphB to get all available connection in each graph
* Then map the location of me in graphA and location of professor in graphB to see any common location
  + Distance of common location to location of me and location of professor needs to satisfy: greater than 0 and less than infinity, and needs to be the minimum of all values