

Floyd-Warshall Algorithm

- ▶ As presented, this algorithm only returns the length (i.e., cost) of the shortest path between every pair of nodes. It does not return the path itself, or directly help you find the path. The assigned reading shows you how to store information to help you reconstruct the shortest path.
- ▶ This algorithm, as described, was only for undirected graph with positive edge weights. It's a trivial modification to deal with directed graphs or with weights that can be negative. (It just gets strange to think about shortest paths when there are negative cycles...)