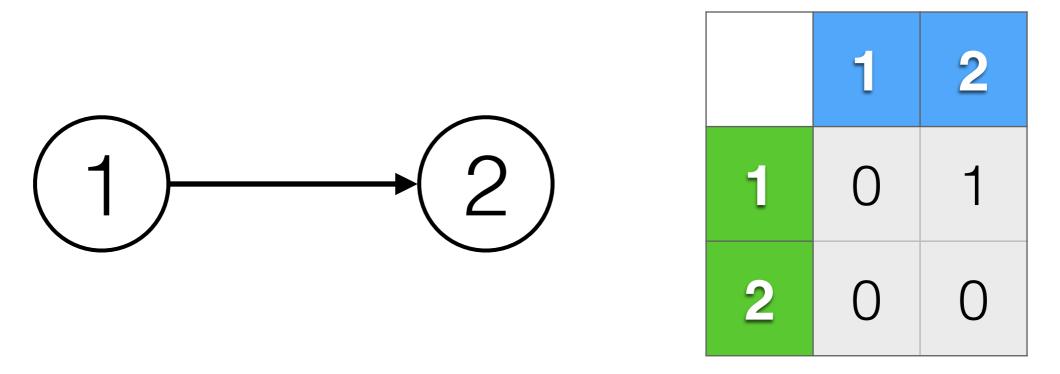
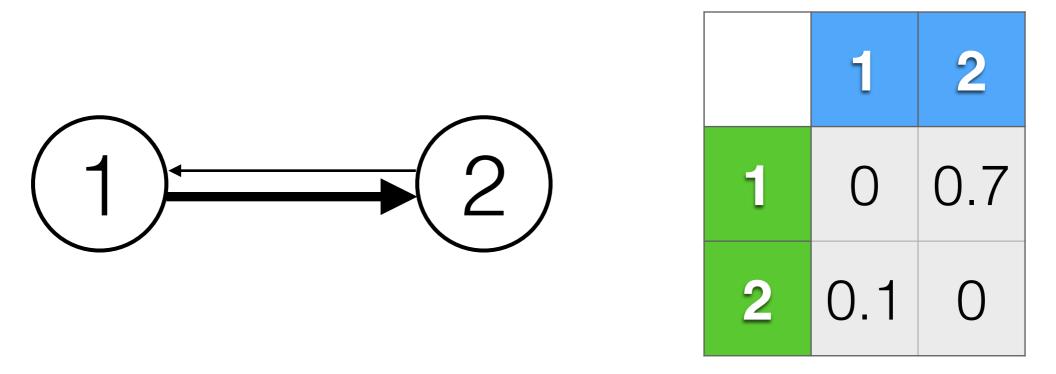


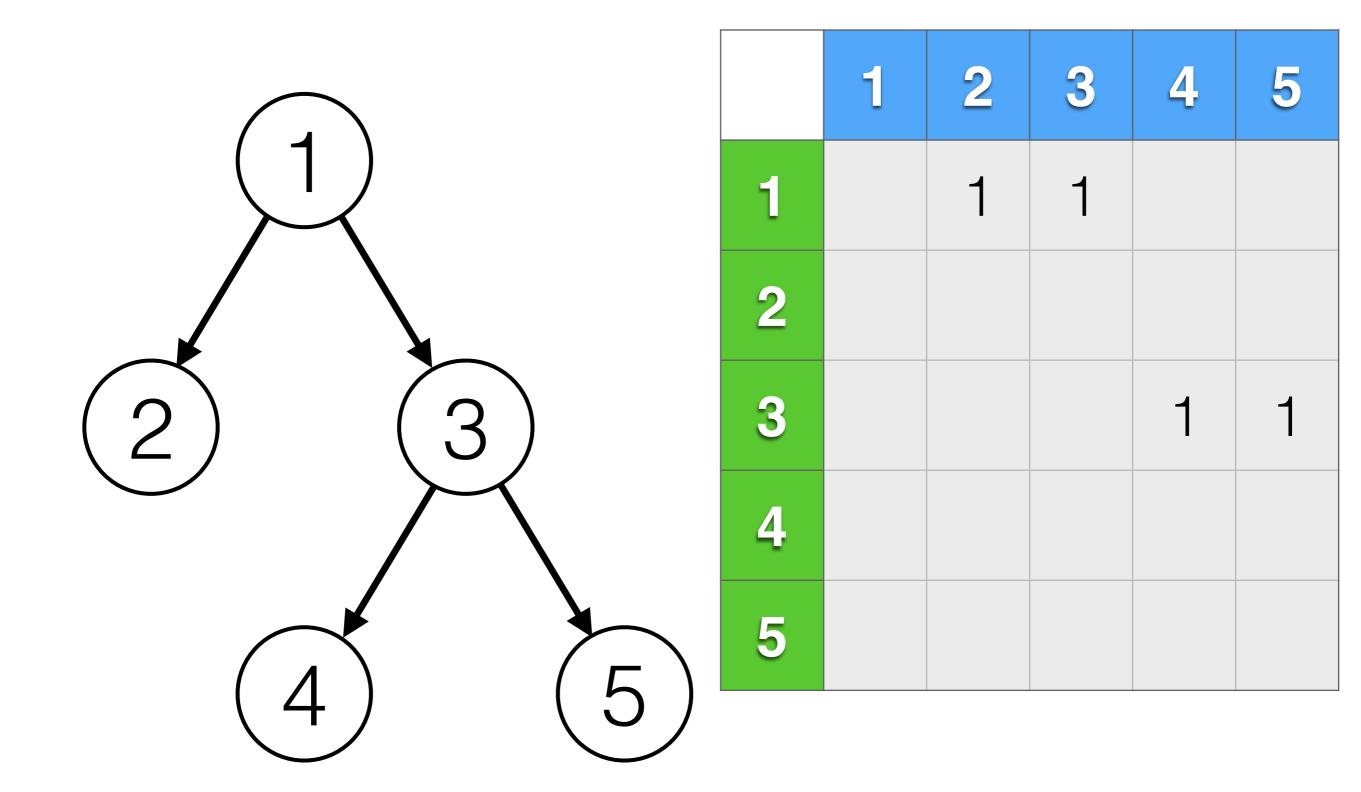
undirected graph and adjacency matrix



directed graph and adjacency matrix



weighted directed graph and adjacency matrix



tree and adjacency matrix