

### Homework 3: due 2/22/16

1. Consider the course notes that shows musicians and whether they've played on the same album or band together or not. Choose some musicians or composers you like and make a similar graph. Make sure there are at least 5 individuals (nodes) in the graph.

If it is difficult to think of an example with musicians, make a graph depicting something else. For example, you could pick actors as the vertices of the graph, and an edge represents whether or not they acted in the same movie. Or pick 5 recipes, and put an edge between two recipes if they use any of the same ingredients. Lots of other applications are possible.