CS 6100 Finding Problems (10 points)
Written Homework 1 Due Jan 19th, 2010 at class time

The purpose of this homework is to have you start to develop the ability to frame problems using the formalities of multiagent systems. For each of the following categories, choose a problem that you are familiar with and frame it as a problem of multi-agent choice. Specify who the decision-makers are, enumerate three or four possible choices available to the decision-makers, state the goals of the decision-makers, identify some important factors that influence the decision but over which no decision-maker has control, and discuss how those goals allow you to create a numeric representation of the consequences of choices given some set of uncontrollable factors.

1. A problem in your family, church organization, or community.
2. A problem from your research area or an area of interest.