

## **CS 499 (Fall 2006)- Assignment 4**

**Due: Tuesday, 09/19/2006**

- (1) Implement the sports elimination algorithm we discussed in class. That is, your algorithm should take as input the total number of games won so far by each team, as well as the number of remaining games to be played between each pair of teams. It should then output a list of all teams that could conceivably end up in first place at the end of the season. Assume that teams are ranked by number of wins in the end, and that each game results in a win for one team or the other. It is up to you whether you want to output all teams that can end up in first place with no ties, or all teams that can end up tied for first.