CS 2104: Introduction to Problem Solving
In-Class Assignment
September 3-4, 2008
20 Points

1. Form into pairs consisting of one problem solver and one listener.

2. Solve the following two problems in the Pair Problem Solving paradigm.

3. The problem solver is to write up the steps taken in solving the problem.

4. Turn in the write-ups with problem solver and listener identified.

A. If the word *orange* has more letters than *violet*, then write **RED**. Otherwise, if the word *blue* has fewer letters than the word *mango*, then write **GREEN**. Otherwise, write **YELLOW**.

B. Ann, Bob, and Cathy own automobiles with makes Toyota, Audi, and Volvo, though not necessarily in that order. The Toyota is the heaviest car and the Audi is the lightest car. Ann owns the Volvo, and Bob owns a car that is lighter than the Toyota. What car does Cathy own?