CS 160
CS Orientation

In-class Exercise...
Odds and Ends

• Exercise #2 due Friday by midnight
• Assignment #2 due Friday by midnight
Problem Solving in Everyday Life

1. Identify the problem.
2. Understand the problem.
3. Identify alternative ways to solve problem.
4. Select best alternative.
5. List solution steps for alternative chosen.
6. Evaluate solution. as detailed as possible.
Difficulties with Problem Solving

- Lack of problem solving experience
- Inadequate solution steps
- Incorrect problem definition
- Alternatives chosen incorrectly
- Invalid logic
- Incorrect solution evaluation
Let’s write the directions to start a car

1. Find Keys

- Be specific about how to find keys
- Where is the person’s initial position
- What do they need to do to get to where the keys usually are
- What if keys aren’t there?
- Do you scan rooms instead?
In-class Exercise #1

• Get into groups of 4-5.
• Write your names down on a piece of paper!
• Write the steps for tying your shoes.
• Now, exchange it with a group and see if they can follow your steps!
Semantics vs. Syntax

• What are these words?
• Why is this important?