Can Computers Think?
Week 3 Homework

**Note: Our first exam will be next week Tuesday (Jan. 29th) in the morning.
Material: Everything we have done so far and will do this week.**

Due Thursday January 24

1. Read the introductory chapters to Russel and Norvig's textbook on AI called
   "Artificial Intelligence: A Modern Approach" and Nilsson's textbook called
   "Artificial Intelligence: A New Synthesis". What is the goal of AI research? What
   different strands/goals do exist in AI research? What do you think should be the
   goal of AI research? What kind of research do you find most interesting? What do
   you think is most promising?
   Since both of these chapters are copyrighted material (they come from very widely
   used textbooks on Artificial Intelligence), I don't want to put them online in a way
   accessible for everybody. Therefore, I started a Blackboard site for this course. You
   can download pdf versions of both chapters from this site, when you follow the
   "Course Documents" link.

Due Tuesday February 5th

2. Write your own Elizaesque program. That is, pick a domain and write a program
   that can "hold a conversation" with a user about this domain by rearranging the
   user's inputs. More information and some code to get you started will follow on
   Thursday in class.

CodeLab

Do the third batch of CodeLab exercises by Thursday January 31st.

Reading

Zelle Chapter 8 (skip Subsection 8.1 about for-loops), **Chapter 3** (skip Subsection 3.3),
Chapter 4.1, 4.2, 4.4.1.

See the web site for further material.