CS190 - Fall 2010
Homework Extra Credit - Write a Program!
Due: Monday, December 13 by midnight. No late turn-ins!

Files to submit:
1. lastname.py

For Help:
• Email the TA
• Email Prof. Summet

Notes:
• This is an opportunity to earn some extra credit in the 'Homework' category. You can earn up to 30 points which will be added to your total homework points. If you do not do this assignment, it will not affect your grade.
• Don’t forget to include the required comments and collaboration statement (as outlined on the course syllabus). Failure to do so will result in no credit for the assignment!
• If any error messages pop up when I hit “Run Module” in IDLE to grade your homework files, you will lose 50% of your points for that file! Your program should function correctly without any errors, following the specifications you set for how it should work.

Write a Program!
Your instructor is bored! Your mission for this week is to come up with something interesting written in Python. This program may involve your robot if you wish, or it may not. It doesn’t even have to involve the myro module at all if you don’t feel like it! Remember, this is an individual assignment, so everyone should have different programs!

Grading criteria:
• (6 pts) Your documentation (comments, variable names, etc.) should explain what the program is, what it does, how the logic behind it works, and what gave you the idea for it. You should include some sample input and output.
• (24 pts) Your program should demonstrate that you understand and are proficient with fundamental CS principles such as:
  1. Looping and conditional execution.
  2. Functions and input parameters.
  3. Variables and types.
  4. Input and Output

Turning it In:
It’s the standard “submit your files to Blackboard” before the deadline plan. Nothing new and exciting here.