

PYTHON #01

CSCI-410 Spring 2013

This assignment is aimed at getting you roughly up to the point at which the Python content of CSCI101 ends. Since many of you are already there, this assignment is optional in the sense that there is nothing to turn in and no grade will be given. But, you are responsible for the material covered and will need most of it in future assignments.

Be sure that you have access to Python, either on your own machine or via the campus computing resources. If you are using a Python version less than 3.0 (such as 2.7.2), then be aware that the instructor and grader will be using Python 3.3 and your code must run under that version.

There is an online tutorial at: <http://docs.python.org/3.3/tutorial/index.html>

Your task for this assignment is to work through Chapters 1 through 4. Keep in mind that this is a rather superficial tutorial, which is probably appropriate for the aims of this course. But you may need to seek other resources (and there are many, many online Python references) to answer some of your questions. You are also encouraged to post questions on Piazza where your fellow classmates, as well as the instructor, may be able to offer some guidance.

There are some things in the tutorial, such as lambda forms, that we will not be touching on in this class. If a topic seems a bit advanced or esoteric, then there is a good chance you can just skim through it and be fine, back filling later if necessary. The code written in this class will focus pretty heavily on lists and string manipulation, so pay particular attention to those topics.