Fall 2012

CS 3190: Programming Language Workshop in Python

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CS 3190 Programming Language Workshop in Python (1 Credit)

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- Home Page: http://knoesis.wright.edu/tkprasad
- Quarter: Fall 2012
- Office Hrs.: MW, 3-4pm, 395 Joshi (or by appointment)
- One and Only Class: August 29, Wednesday, 3:30-4pm, 399 Joshi

Course Description

This course is designed as a self-study in Python. You are expected to learn the language and solve a set of programming problems assigned to you from Budd's text using Python available from http://www.python.org. There are no exams. We officially meet only once in the quarter. However, I will be available in the posted office hours for clarifications and discussions about the programming problems.

Prerequisite

- Experience with programming in C++/Java.

Course Text


Grading

Each programming assignment will be graded as Pass/Unsatisfactory, and the letter grade 'P' or 'U' will be assigned at the end of the course.

Course Policies

1. All work must be turned in by December 3, 2012.
2. Do not expect an incomplete for any reason. Each assignment will also have a separate deadline.
3. You must pass all the assignments to pass the course. The code you turn in must be your own creation. Copying code from available books, or cutting and pasting code from the Internet is strictly prohibited because it defeats the whole purpose of the course.
4. Each program should be well-documented and adequately tested.
5. You must turn in well-documented source code runnable using Python, a README.txt with a brief description of the program, and where applicable, sample test inputs and outputs to indicate that you have tested your code adequately, as a single zip- archive for each assignment. To turn in the i-th assignment (where i = 1, 2, 3, 4), create the archive asgi.zip, and execute the following shell command on unix/kapps: 
   
   $ cd /comcon/public/tkprasad/cs3190/turn in-pai
   $ asgi.zip README.txt

6. You may also be required to demonstrate your code in my office hours after the due date.

Assignments

<table>
<thead>
<tr>
<th>Topic</th>
<th>Problems, Page No. (Budd)</th>
<th>Due Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Basic Function Definition Exercies 2, 4, 5 Pages 60-61 (For problem 5, you are not required to generate the ‘day’.)</td>
<td>Sept 24</td>
</tr>
<tr>
<td>II</td>
<td>Arrays Exercies 14, 15 Page 84</td>
<td>Oct 15</td>
</tr>
<tr>
<td>III</td>
<td>List Processing Exercies 1 Page 123; Exercies 11, 12 Page 138 (Write a driver program to instantiate and test Rectangle class.)</td>
<td>Nov 7</td>
</tr>
<tr>
<td>IV</td>
<td>Data Structures Exercies 4 Pages 241-242 (Write a driver program to test Vector class.)</td>
<td>Dec 3</td>
</tr>
</tbody>
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T. K. Prasad