CSCI 1300

Intro to Computing

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Lecture 7   Jan 30, 2013

Loops, Lists, Ranges

Ken Anderson
is here to talk about the new

Bachelor of Arts
in
Computer Science

Upcoming Homework Assignment

HW #2   **Due: Friday, Feb 1**

Basic Functions

Implement the functions that are stubbed out in the homework file on GitHub called **basic_functions.py**. That file has detailed instructions on what to do.

Lecture Goals

1. Announcements
2. RetroGrade
3. More Python

Announcements

1. **Command Line Tutorial**
   Host: Andrew Sayler
   Date: Jan 30
   Time: 7:30PM
   Where: ECCR 105
   (this will be recorded and made available later)

Announcements II

2. **Syntax Errors can lie** about which line the problem actually happens on. If it says there is an error on line 15, there might actually be a malformed sentence above. Maybe you don't have enough closing parentheses? Or brackets?

RetroGrade

I will give you a tour of how to turn in your homework using RetroGrade.

Part of this is using the driver program to test things out on your end. I'll show you how to do that, too.

How to get the code

Open a terminal and clone the git repository like this:

$ git clone https://github.com/johnsogg/cs1300.git
$ cd cs1300/homeworks/hw-2-basic-functions/py
$ python basic_functions_driver.py
<< then it outputs a whole bunch of errors >>
<< to make the errors go away, edit the >>
<< homework file basic_functions.py and >>
<< implement all the functions correctly. >>

Run the driver

Run all the tests in the driver by typing:

python basic_functions_driver.py

You can run individual tests by passing a command line argument (or, more than one):

python basic_functions_driver test_four

Then submit to RetroGrade

When you get something working, you can go ahead and submit it to RetroGrade.

Please test on your own machine before submitting, just to keep the load down.

You can submit as much as you want. After 6pm on Friday it caps your score at 5/10.

Topics Today

Today's Python tutorial:

lists and **loops** and **ranges**   *oh my*

These are the last things you will
need to finish this week's homework.