Lecture #2 - Plan for Today

Do Variable Assignment Statements worksheet from last week.

Then we’ll talk about:

- Function Definitions (do worksheet)
- Function Design Recipe (do worksheet)
  - use distance_calculator as an example
  - also strings (type str)!
- Go over a program and visualize it
- Nested Function Calls (do worksheet + visualize)
- Function Reuse (do worksheet)
- Announcements + Assignment 1
Announcements

21 May 2015
PCRS DownTime

PCRS will be down on Saturday, May 23rd in the morning.

Should be back by 11am or so.
Due Next Week

1. Perform-W2 Exercise - due by Tuesday 8:00pm

2. Prepare-W3 Exercise - due by Wednesday 10:00pm
108 - Get Help Hours

Calendar: http://www.cdf.toronto.edu/~csc108h/summer/gethelp.shtml

108 Drop-In Centre:

When: Monday 3-5 and Tuesday 3-4
Where: CDF Labs BA2220, BA2240, BA2270

Myrto’s Office Hours in BA3289:

Friday 3:30 - 5pm
Monday 6 - 7:30pm

Piazza Discussion Form: Post any time!
Assignment 1 Released!

It’s called “Where’s That Word?”

Due: June 3rd by 10:00pm

Read handout carefully here:

http://www.cdf.toronto.edu/~csc108h/summer/assignments.shtml

Requires material covered in the first 3 weeks of classes.

This assignments is individual.
Assignment 1 - What To Do!

=> First read the handout and watch the video carefully.

=> Ensure you understand all descriptions before you even start thinking about the code. For example, can you calculate the scores shown in the video by hand? Do that first!

=> Go over existing helper functions provided for you in puzzle_functions.py. Understand their functionality.

=> Following the function design recipe, start writing the docstrings for all functions. Write their examples, type-contract, header and description.

=> Think about what the function body should do. After you watch the Prepare videos for week 3 you will know how to do it.

=> Write the code.

=> Test your code (every function you wrote). And then test it some more! And some more!
Assignment I

You’ll be marked not only correctness but also on programming style.

Follow the Python Style Guidelines posted.

You will not yet be able to understand the code in puzzle_program.py. That’s OK. This is an important lesson in programming too.

- To use a function, you need to understand \textit{what} this function does, not \textit{how} it does it.

- Eventually you’ll learn the “how” as well :)

I’ll probably post a few Frequently Asked Questions on Piazza.