CSCE 110 — Programming I
Course Introduction

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Course description

- This is an introductory course designed for any student interested in using computation to enhance their problem solving abilities.
- **No prior experience in programming is necessary.**
- Students will use their problem solving abilities to implement programs in Python.
Learning Objectives

- Develop a basic understanding of programming and the Python programming language.
- See the value of programming in a variety of different disciplines—especially as it relates to your other college courses.
- Appreciate the value of experimentation.
- Be comfortable with the fact that there is more than one right solution to a problem.
- Have fun!
There is no textbook for this course.

- Class attendance is critical! All of the material you need to know will be taught during class lectures.
- There are many good references that are available online that you may find helpful while studying the material. Here are two you may find useful.
  - Think Python: How to Think Like a Computer Scientist by Allen B. Downey
    http://www.greenteapress.com/thinkpython/thinkpython.html
  - Dive into Python by Mark Pilgrim
    http://www.diveintopython.net/
Course Components

- Exams (50%)
  - There will be 2 mid-semester exams and 1 final exam.
- Lab assignments/homework (25%)
  - Lab assignments will be given every week.
- Quizzes (25%)
  - Quizzes will be given every week.
When do labs and quizzes begin?

- MW lab
  - Begin on Wednesday, January 22nd.
- T, Th lab
  - Begin on Thursday, January 23rd.
- The first quiz will be on Thursday, January 23rd.
How Well Do You Follow Directions?

To get an idea of what programming entails, let's do an in-class exercise related to following directions.