Functions in Python

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What are functions?

- A way to bundle instructions that you use frequently.

- Allow a program to be more efficient, and more accurate.

- Format of a function:
  ```
  def function_name(parameter1):
      #code to be performed in function
      return result
  ```
- Functions require a set of parameters. This set can be empty

Example functions

- # Define a function `plus()`
  def plus(a,b):
      return a + b

- # Define a function `hello()`
  def hello():
      print "Hello, world!"
      return

What about optional keyword parameters?

Assignment 3

- Homework 3 will be posted later today
- Due Thursday, February 22
- Cover functions

- This will be a group assignment!