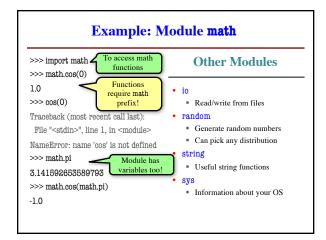
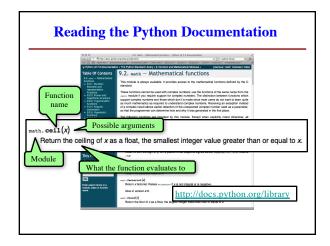
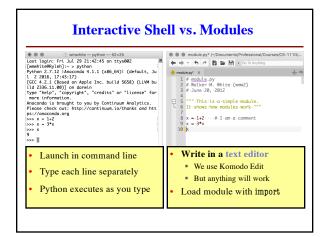


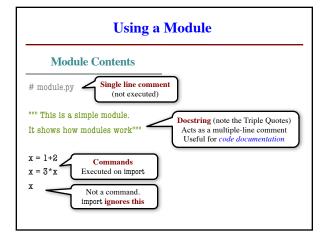
Built-in Functions vs Modules

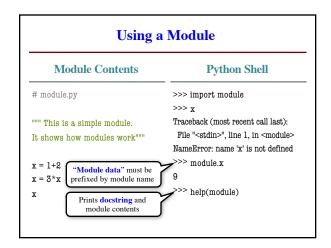
- The number of built-in functions is small
 - http://docs.python.org/2/library/functions.html
- Missing a lot of functions you would expect
 - Example: cos(), sqrt()
- Module: file that contains Python code
 - A way for Python to provide optional functions
 - To access a module, the import command
 - Access the functions using module as a prefix

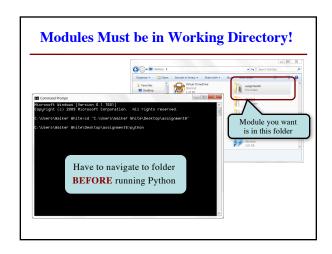


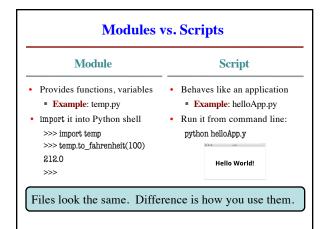


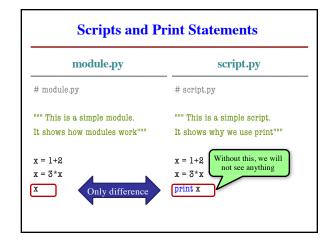


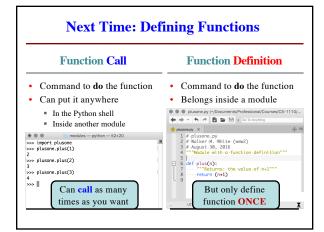












Functions and Modules Purpose of modules is function definitions Function definitions are written in module file Import the module to call the functions Your Python workflow (right now) is Write a function in a module (a .py file) Open up the Terminal/Command Prompt Move to the directory with this file Start Python (type python) Import the module Try out the function