150- Modules 3/9/2012 Note Title Announcements
- Please furn in the now of
you had internet problems last
night - HW6 + 7 are posted

Opening fles: a note

The Syntax I gave you's X = file (Iname.txt')this has been repred in python 3! Instead: x= open('name.txt')

String formatting: a note New Syntax: \253 % mystring 5.3f } is a number % sgrt(2) Our way: 190d, is an int 90 X 19 not in Python 3

Modules are simply files containing

Python code Name is same as file name (but w/o .py or .pyc) We have imported using from command: from colgraphics import x from math import sqr from hw5 import Account

-Allows us to use this code as though We say all the things imported are in our current environment If module uses some variables, there is a conflict! This is called name pollution.

What to do about this: Only import what you need:

from math import sqrt

or from math import sqrt, pi Use: import math then: math.pi import hw5 x = hw5. Account()

Unit testing recap It define My Class If _name == - main_ /: x = MyC(ass() x. function 2() of x. functid (6) == 'expected result':

print 'It worked'

ner Useful Moder Over 250 useful Python modules that come by default. - 5ys: 5ys, stdin sys, argy - String IO