Basic Information

• Prof. Costanzo’s Website
  – project 3 posted

• My personal CS8 homepage:
    • Download lab slides here
    • Lab07 sample code here
Additional Information

• Be prepared for Lab09
  – Final TA evaluation, takes 5-10 minutes
  – Bring a pen and a pencil

• About cImage module
  – cImage is not an official module, you should download cImage.py first
  – For some Windows computers, the getPixel function is not working (error message)
    • www.cs.ucsb.edu/~shiliang_tang/cs8/cImageErr.txt
Lab08

• Requirements
  – Step 2: input function and while loop
    • \textit{text} = \texttt{input(\textit{message})}
    • \textit{text} and \textit{message} are strings
    • input function first print \textit{message} on the screen, then wait for input until type return, and returns the input as a string
  – Step 3: getStrings function
    • Almost the same as Step 2, put everything in a function
Lab08

• Requirements
  – Step 4: practice clmage module
    • Follow the instructions
    • Use “/cs/class/cs8c/lib/campus.gif” as filename
      – In FileImage step, not sys.path.append()
  – Get your work checked off
    • After Step 4
    • Submit Hw7, get Hw6
Project 3

• Read a webpage to a string
  – import urllib.request module
  – use urllib.request.urlopen function, the input argument is a string, which is a valid url (like: “http://cs.ucsb.edu/~mikec/cs8”), the function returns a file object
  – use read() method of the file object, it returns a byte array
  – use decode() method of the byte array, it returns a string
Project 3

• String format method
  – Reference here:
    • http://www.python-course.eu/python3_formatted_output.php