CS105 Lab 8: File Processing

Brian Borucki – bborucki@bu.edu

Reading From a File

- input_file = open("input.txt", 'r')

- line = input_file.readline()

  - This will read one line at a time, just like fetchone()

- for line in input_file:
  <do something with line>

  - This works similarly to "for tuple in cursor"

Reading From a File

- Don't forget that at the end of your programs you should always close any files you had open

- Like with open("output.txt", 'w') where the 'w' gave us 'write' permissions, the 'r' in open("input.txt", 'r') gives us 'read' permissions

String Processing

- If I have a DOB in the form:

    – yyyy-mm-dd

- How would I change this to:

    – mm/dd/yyyy

- You'll need the split() function and then string concatenation

String Processing

dob = "1960-12-25"
date = dob.split(?)

- What is my argument to split?

  - split("-")

- How do I access the year?

  - date[0]

- Note: Your code for the lab will look different (don't copy and paste)

This Lab

- There are 3 programs for this lab, don't stress about getting to all of them by the end of lab

- Submit what you have by the end of lab

- Questions?