Find your computer and partner and work on Handout 3 – just for today!

owl Brandon
parrot Allan
pelican Claudia
pigeon Adi
puffin Andrew
quail Talia
raven Ari
robin Bayliss
seagull Matt
sparrow Maddie
lark Sagnik
kestrel Patrick
ibis Ian
hawk Yusa
dodo Amaechi
cuckoo Shirline
crane Sophia
cardinal Austin
duck Mikey
heron Chris
buzzard Kyle
bluejay Rutger
eagle Sajal
egret Peem
falcon Skylar
finch Anar
flamingo Abby
grouse Miryam
ostrich Eddie
osprey David
macaw Youssef
magpie Sid
loon Shani
swan Nick
Outline Oct 23:

- Mid-semester reminders and Lab 5 examples
- Reading and Writing files
  - colleges_file.py
  - cs21students_file.py
- Try/except in python
  - try_except.py

Notes

- Lab 6 due Saturday night
Mid-semester reminders
Mid-semester syllabus reminders

- Extensions must be arranged with the deans office
Mid-semester syllabus reminders

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- Class attendance counts toward participation and a pattern of missing class will significantly lower your participation grade
Mid-semester syllabus reminders

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• Piazza counts toward participation
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• Piazza counts toward participation
• Academic integrity: you should not be looking at anyone else’s lab code, and should not be sharing your code with anyone else
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• Talk to me if you have any questions about what academic integrity means for a STEM course
Mid-semester syllabus reminders

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- Class attendance counts toward participation and a pattern of missing class will significantly lower your participation grade
- Piazza counts toward participation
- Academic integrity: you should not be looking at anyone else’s lab code, and should not be sharing your code with anyone else
- Talk to me if you have any questions about what academic integrity means for a STEM course
- Severe or multiple offenses will go to the College Judiciary Committee
Lab 5 examples
Lab 5 examples: Sajal
Lab 5 examples: Peem
Screenshots and Videos: please email!

- Mac Videos: Quicktime
- Linux screenshot:

![Linux screenshot](Image by Rich Wicentowski)
Reading Files
<table>
<thead>
<tr>
<th>Name</th>
<th>Function or Method?</th>
<th>Parameters (Types)</th>
<th>Return Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Open</td>
<td>F</td>
<td>String, String 'r', 'w', 'a' (file)</td>
<td>&quot;IOTextWrapper&quot;</td>
</tr>
<tr>
<td>Split</td>
<td>M</td>
<td>nothing, string</td>
<td>list</td>
</tr>
<tr>
<td>int</td>
<td>F</td>
<td>String, float int</td>
<td>int</td>
</tr>
<tr>
<td>append</td>
<td>M</td>
<td>anything</td>
<td>none!</td>
</tr>
<tr>
<td>close</td>
<td>M</td>
<td>none</td>
<td>none</td>
</tr>
</tbody>
</table>

split(...)
Programs for today

- inclass/week07/colleges_file.py
  - data file: colleges.txt

- inclass/week07/cs21students_file.py
  - data file: cs21students.txt