CS150 - Writing to a File

Announcements

- HW due tomorrow
- No office hours today
- Office "half hour" tomorrow: 12-12:30
- Quit Friday
Last Time

Reading from a file

Initialize a variable to represent the file:

```python
inputfile = file('name.txt')
```
Today: Writing to a file

open file: output = file('name', 'a')

Write commands:

output . write (string)

'.... /n'

output . write (string see)
Another unix utility: nl
Adds line nos to a file:
Ex: nl Point.py

We'll code this in python.
Idea: read from 1 file
write with line nos to another
Random access

to open: `rt`  
  `wt`  
  gives me random access

Functions:  
`filename.tell()` gives current pos
`filename.seek(position)`
File:

Dwight D. Eisenhower
John F. Kennedy
Franklin D. Roosevelt
Harry S. Truman
Practice: 8.6 in textbook

Create a file people.txt which has the following format: person birth year

Ex:
St. Edward the Confessor 1003
Matilda 1102
Edgar the Peaceable 942
Ethelred the Unready 968

Write a program that reads this file and reports the name of the oldest person. For example, on above, program should print:

Edgar the Peaceable
Practice 8.7

Write a program that creates a new file called `message.txt` that contains:

```
This is a test.
How did I do?
Goodbye.
```

EXACT!