

Coming Up

- Monday: for loops
 - Look for A2 to be posted today/tomorrow
- Wednesday: lists
- Friday: lists and mutability
- Sunday @ 10: Week 5 exercise due

Any burning questions
before we start?

While Loops

- General format

...before...

while *expression*:
statements

...after...

- *expression* evaluates to a boolean value. If it is True, then the *statements* are executed
- When *expression* evaluates to False, the loop ends, and the code continues starting from *...after...*

For Loops

- General format

...before...

for *item* in *collection*:
statements

...after...

- *collection* is an expression that evaluates to a sequence of values
- *item* is the name of a variable to which each item in the sequence will be assigned (one at a time)

For Example

```
>>> s = "abcd"
>>> for ch in s:
...     print("One letter: {}".format(ch))

a
b
c
d
```