Python Basics!

mutability, container methods

CS101 Lecture #9

Administrivia

Administrivia 1/1

Administrivia

- ▶ Homework #4 is due Friday Sep. 23.
- ► Midterm #1 will be Monday Oct. 3. (evening)

Administrivia 2/

Warmup Quiz

Warmup Quiz 3/1

Question #1

```
s = 'ABcd'
if not s[0:2].isupper():
    if s[0] == s[2]:
        print( s[0] )
    else:
        print( s[1] )
else:
    if s[1] != s[2]:
        print( s[-1] )
    else:
        print( s[-2] )
```

Warmup Quiz 4/1

Question #2

```
s = 'abcd'
if not s.isalpha():
    print( s[0] )
elif s.isupper():
    print( s[-1] )
elif 'ab' in s:
    print( s[-2] )
else:
    print( s[1] )
```

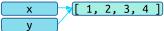
Warmup Quiz 5/1

Mutability & Aliasing

Mutability & Aliasing 6/1

Mutability

- > We distinguished mutability and immutability.
- The distinction arises from the storage in memory.



Mutability & Aliasing 7/