Announcements

- Reading for next time on the calendar page
  - RQ 6
- APT-2 due today
  - Assignment 3 due Thursday
  - APT-3 out today, due in a week
- Finish lecture notes from last time

Online forms for APTS

- APT Emphasize:
  www.bit.ly/101fall14-0916-01
- APT Pancakes:
  www.bit.ly/101fall14-0916-02
Compare Ifs

```python
best = "UNC Blue Devils"
print best
if best[3] == "UNC":
    best = "Duke" + best[3:]
print best

print "num 1 test"
num = int(input("Enter Num: "))
if num > 15:
    print "biggest"
elif num > 10:
    print "bigger"
elif num < 5:
    print "smaller"
else:
    print "middle"
```

Dissect the for loop

```python
for VARIABLE in STRUCTURE:
    BODY
```

Repeat the BODY with the VARIABLE equal to each item in structure

What can the structure be?

Variable be?

- STRUCTURE → Variable
- String → character
- List → item in list

There are other types of structures we will see

Examples

```python
answer = 0
for w in range(5,0,-1):
    answer = answer * 10 + w

answer = ""
word = "NCStateFair"
for some in word:
    answer = answer + " " + some
```