Python – if statements, tuples, and sets

Allison N. Tegge
Department of Statistics
STAT 2984
February 1, 2018

Review:

lists

• for loops

Count = 0

For X in Colors:

Print X

Count t = 1

if statements

if [companison]:

syntax

elif cond 2:

y code to perform if true elif cond 2:

syntax

else:

rode to perform if false else:

syntax

if todays-temp >= 70: if class-name == "STAT 2984": # != not equ." if not class-name == "STAT 2984": if "red" in colors:

tuples [cl = ("Statistics", 2984) c2 = ("Statistics", 3005) # department if c160] = = c260]: print "Same dept."

tuple-dict = dictionary items () #[("Statistics", ["STAD984"]

```
/ sets
 set_stateo1= set (["IL", "VA", "VA", "OH", "OH"])
 print ststates # set (['1L', 'VA', '0H'])
 Set_states 2 = set (["VA" "MA" "NY" "NY" "CA"])
  Set_states1. union (set_states2)
  Set_states 1. intersection (set_states 2) # VA
  Set-states 1. différence (set-states 2)
```

Reminder: Assignment 2

• Posted and due February 6, 2018.

• If you have questions or need help, post an issue!