Lecture Two: Python Collections (Arrays)

There are four collection data types in Python: List; Tuple; Set; Dictionary

**List**

* String to List
  + Create a list
  + Print a list
  + Adding items to a list: append
  + Removing items from a list: del
  + List Arithmetic: +, \* (why not use - or /)

**Set**

Create a Set

myset = {"apple", "banana", "cherry"}  
 print(myset)

Loop through the set, and print the values:

myset = {"apple", "banana", "cherry"}  
  
for x in myset:  
  print(x)

* If statement
  + What is condition
  + If, else statement
  + If, elif statement (short for else-if)
  + Combining conditions

**Run Python in command line**

**$** C:\Users\My Name>python demo\_set.py

{'banana', 'apple', 'cherry'}