**Week 7 Exercises** to be reviewed on October 13

Please use the i206 style guidelines found here:
http://blogs.ischool.berkeley.edu/i206f10/assignment-style-guidelines/

Make sure to add the header to your files like so:

```
#! /usr/bin/env python
__author__ = 'Ariel Chait'
__email__ = 'ariel@ischool.berkeley.edu'
__python_version = '3.2.1'
__can_anonymously_use_as_example = True

# Code starts here
```

Use i90 as the class number the week as the assignment name and leave out the document type so this assignment would be saved as `i90_week7_ariel.py`

1. Write your own sum function called `mySum` that takes a list as a parameter and returns the accumulated sum

2. Write a second function called `maxListSum` that takes a list of lists and returns the maximum sum of any of the lists, use your `mySum` function to calculate sums in your `maxListSum` function

3. Write a third function called `maxListIndex` that takes a list of lists and returns the index and sum of the list with the maximum accumulated sum. Use your `mySum` function to calculate sums in this function as well.

4. Two words are anagrams if you can rearrange the letters from one to spell the other. Write a function called `is_anagram` that takes two strings and returns True if they are anagrams.

5. Write a second function calles `isSameBackwards` that takes two strings, turns them into lists, and returns True if they are the same but backwards.