

## CS 1301 – Recitation Quiz

Your Name: \_\_\_\_\_

This is an individual quiz.

Finding the smallest index: **10 points**

Write a function called `findSmallestIndex( aList )` that takes in a list of numbers and **returns** the **index** of the smallest value.

Example:

```
>>> myList = [ 1, 6.43, 2, 4, -3.5, 0, 8, 10.01 ]
>>> val = findSmallestIndex( myList )
>>> val
4
```

Solution:

```
def findSmallestIndex( aList ):
    index = 0
    smallestIndex = 0
    smallestSoFar = aList[index]

    while(index < len(aList)):
        if ( smallestSoFar > aList[index] ):
            smallestIndex = index
            smallestSoFar = aList[index]
        index = index + 1

    return( smallestIndex)
```

### Grading:

Header correct:	+2 points
Iterating over list elements:	+2 points
Detecting the smallest value:	+2 points
Keeping track of the index (of min value):	+2 points
Returning Value:	+2 points