# CYBER CHALLENGES

## Python Mini Set: Challenge C

Directions:

In the Practice_Challenges.py file, create a function called "findNumbers" that does the following:

The function will take in a single string. It will also create a list. The function should go through each character in the string and if that character is a digit, it should convert it to an integer and append it to the list. If the character is not a digit, it should ignore the character and move on. Return the list of numbers after scanning the entire string.

To be clear, you are examining a single character at a time. So, even if two or more digits are next to each other, you still insert them as single digits into the list. See the first example below to see what I mean.

Examples:
```
''' call '''  findNumbers("p7y679th0n")
''' returns '''  [7, 6, 7, 9, 0]
''' notes ''' The numbers found in the string are 7, 6, 7, 9, 0 (in that
order) so we compose a list of those numbers (converting them into
integers before putting them into the list) and then return that list.


''' call '''  findNumbers("python")
''' returns '''  []
''' notes ''' If you are given a list that doesn't contain any numbers,
you are to return an empty list


''' call '''  findNumbers("")
''' returns '''  []
''' notes ''' If you are given an empty string, you are to return an empty
list
```