We want to write a function checkObject() which will take in an array and an object. If the object exists then we want to return the position/index of the object in the given array or None if the object doesn't exist

```
def checkObject(array, target):
	found = [] #contains the indexes of the target
	for index in range(len(array)):
		if target == array[index]:
			found.append(index)
	if len(found) == 0:
		return
	else:
		return found
```

```
def checkObject(array, target):
	found = []
	i = 0
	while i < len(array):
		if target == array[i]:
			found.append(i)
		i += 1
	if len(found) == 0:
		return
	else:
		return found
```

We are going to write a function stepsToZero() which will take in an int and will return the number of steps it will take to get to 0. If a number is even then we want to divide by 2. If a number is odd then we want to subtract it by 1.

```
def stepsToZero(num):
	count = 0
	while num != 0:
		if i % 2 == 0:
			num /= 2
			count += 1
		else:
			num -= 1
			count += 1

	return count
```

We are going to make a function called runningSum() which will take in an array of ints and return an array of the running sums

```
def runningSum(array):
	final = []
	runSum = 0
	for i in array:
		runSum += i
		final.append(runSum)
	return final
```

We are going to write a function called subtractProandSum() which will take an int and will return the difference between the product and sum of the int's digits

```
#using strings
num = 234 -> 2, 3, 4
num = "234"  -> "2", "3", "4"
num -> 2, 3, 4


def subtractProandSum(num):
	num = str(num)
	prod = 1
	sum = 0
	for digit in num:
		prod *= int(digit)
		sum += int(digit)
	return prod - sum
```