import operator

Arr1=[1,2,3,45]

Arr2=[3,4,56,78]

print(list(map(operator.sub,Arr1,Arr2)))

arr1=[1,2,3]

arr2=[2,1,3]

ls=[arr2-arr1 for arr1,arr2 in zip(arr1,arr2)]

print(ls)

list(array([1,2,3])-1)

list(numpy.array(list1)-numpy.array(list2))

import numpy as np

a = [2,2,2]

b = [1,1,1]

np.subtract(a,b)

from numpy import matrix

a = matrix((2,2,2))

b = matrix((1,1,1))

ret = a - b

print ret

a=[1,2,3,4.5]

b=[6,7,8,9,10]

map(int.\_\_sub\_\_, a, b)

def Diff(li1, li2):

    return (list(set(li1) - set(li2)))

# Driver Code

li1 = [10, 15, 20, 25, 30, 35, 40]

li2 = [25, 40, 35]

print(Diff(li1, li2))

def Diff(li1, li2):

    li\_dif = [i for i in li1 + li2 if i not in li1 or i not in li2]

    return li\_dif

# Driver Code

li1 = [10, 15, 20, 25, 30, 35, 40]

li2 = [25, 40, 35]

li3 = Diff(li1, li2)

print(li3)

>>> t = [1, 3, 6]

>>> v = [t[i+1]-t[i] for i in range(len(t)-1)]

>>> v

v = [1,2,3,4,5]

>>>[v[i] - v[i-1] for i, value in enumerate(v[1:], 1)]

def substract\_lists(a, b):

for i, val in enumerate(a):

val = val - b[i]

return a

subtracting a constant/variable from a list

a[:] = [x - 13 for x in a]

import numpy

>>> array = numpy.array([49, 51, 53, 56])

>>> array - 13

array([36, 38, 40, 43])

a = list(map(lambda x: x - 13, a))

for i in range(len(a)):

a[i] -= 13