Multiplication

def multiplyList(myList) :

    # Multiply elements one by one

    result = 1

    for x in myList:

         result = result \* x

    return result

# Driver code

list1 = [1, 2, 3]

list2 = [3, 2, 4]

print(multiplyList(list1))

print(multiplyList(list2))

2)

from functools import reduce

list1 = [1, 2, 3]

list2 = [3, 2, 4]

result1 = reduce((lambda x, y: x \* y), list1)

result2 = reduce((lambda x, y: x \* y), list2)

print(result1)

print(result2)

3)

NumList1 = [10, 20, 30]

NumList2 = [5, 2, 3]

add = []

sub = []

multi = []

div = []

mod = []

expo = []

for j in range(3):

add.append( NumList1[j] + NumList2[j])

sub.append( NumList1[j] - NumList2[j])

multi.append( NumList1[j] \* NumList2[j])

div.append( NumList1[j] / NumList2[j])

mod.append( NumList1[j] % NumList2[j])

expo.append( NumList1[j] \*\* NumList2[j])

4)

NumList1 = []; NumList2 = []

add = [] ; sub = [] ; multi = []

div = []; mod = [] ; expo = []

i = 0

j = 0

Number = int(input("Please enter the Total Number of List Elements: "))

print("Please enter the Items of a First and Second List ")

while(i < Number):

List1value = int(input("Please enter the %d Element of List1 : " %i))

NumList1.append(List1value)

List2value = int(input("Please enter the %d Element of List2 : " %i))

NumList2.append(List2value)

i = i + 1

while(j < Number):

add.append( NumList1[j] + NumList2[j])

sub.append( NumList1[j] - NumList2[j])

multi.append( NumList1[j] \* NumList2[j])

div.append( NumList1[j] / NumList2[j])

mod.append( NumList1[j] % NumList2[j])

expo.append( NumList1[j] \*\* NumList2[j])

j = j + 1