## Problem



## Solution

if \_\_name\_\_ == '\_\_main\_\_':

    N = int(raw\_input())

L = []

i =0

try:

  while(i < N):

    entry = raw\_input().split()

    rc = entry[0]

    i+=1

    if rc == "pop":

        L.pop()

    elif rc == "append":

        L.append(int(entry[1]))

    elif rc == "extend":

        L.extend()

    elif rc == "insert":

        L.insert(int(entry[1]), int(entry[2]))

    elif rc == "remove":

        L.remove(int(entry[1]))

    elif rc == "index":

        L.index(int(entry[1]))

    elif rc == "count":

        L.count(int(entry[1]))

    elif rc == "sort":

        L.sort()

    elif rc == "reverse":

        L.reverse()

    elif rc == "print":

        print L

        i-=1

except:

    pass

## Python3

if \_\_name\_\_ == '\_\_main\_\_':

N = int(input())

empty = []

conv = []

for i in range(N):

x = input().split()

empty.append(x)

for i in range(len(empty)):

if empty[i][0] == 'insert':

x = int(empty[i][1])

y = int(empty[i][2])

conv.insert(x,y)

elif empty[i][0] == 'print':

print(conv)

elif empty[i][0] == 'remove':

conv.remove(int(empty[i][1]))

elif empty[i][0] == 'append':

conv.append(int(empty[i][1]))

elif empty[i][0] == 'sort':

conv.sort()

elif empty[i][0] == 'pop':

conv.pop()

elif empty[i][0] == 'reverse':

conv.reverse()