arr = []

for i in range(int(raw\_input())):

s = raw\_input().split()

for i in range(1,len(s)):

s[i] = int(s[i])

if s[0] == "append":

arr.append(s[1])

elif s[0] == "extend":

arr.extend(s[1:])

elif s[0] == "insert":

arr.insert(s[1],s[2])

elif s[0] == "remove":

arr.remove(s[1])

elif s[0] == "pop":

arr.pop()

elif s[0] == "index":

print arr.index(s[1])

elif s[0] == "count":

print arr.count(s[1])

elif s[0] == "sort":

arr.sort()

elif s[0] == "reverse":

arr.reverse()

elif s[0] == "print":

print arr