if \_\_name\_\_ == '\_\_main\_\_':

    N = int(input())

    L = [];

    for i in range(0,N):

        cd = input().split();

        if cd[0]== "print":

            print(L)

        elif cd[0] == "insert" :

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

        elif cd[0] == "remove":

            L.remove(int(cd[1]))

        elif cd[0] == "pop":

            L.pop()

        elif cd[0] == "append":

            L.append(int(cd[1]))

        elif cd[0] == "sort" :

            L.sort()

        else:

            L.reverse()