**Week 13**

1.

listOfNames = eval(input())

newName = input()

listOfNames.append(newName)

print(listOfNames)

2.

def removeSevens(numbers):

    result=[]

    for i in range(len(numbers)):

        if numbers[i]!=7:

            result.append(numbers[i])

    return result

values = eval(input())

print(removeSevens(values))

3.

def sum2By2(numbers):

    previous=0

    result=[]

    for i in range(len(numbers)):

        if i>=1:

            result.append(int(previous+numbers[i]))

        previous=numbers[i]

    return result

values = eval(input())

print(sum2By2(values))

4.

values = eval(input())

condition= False

for n in range(len(values)):

    index= values[n]

    for i in range(len(values)):

        if i!=n:

            if values[i]==index:

                condition= True

if condition==True:

    print("HAS PAIR")

else:

    print("HAS NO PAIR")

5.

values = eval(input())

condition= False

for n in range(len(values)):

    index= values[n]

    for i in range(len(values)):

        if i!=n:

            if values[i]==index:

                condition= True

if condition==True:

    print("HAS PAIR")

else:

    print("HAS NO PAIR")

6.

def hasMonsterOnCell(monterPosition,cellX,cellY):

for i in range(len(monterPosition)):

index=monterPosition[i]

for n in range(len(index)-1):

if index[n]==cellY and index[n+1]==cellX:

return True

values=eval(input())

for cellX in range(5):

for cellY in range(5):

if hasMonsterOnCell(values,cellX,cellY):

print("\*",end="")

else:

print("0",end="")

print( )