'''

Ramesh and Suresh are playing a game.

Initially, Ramesh has a secret number, and Suresh has to guess that number.

Ramesh now checks, How many digits of the guess number match

the secret number exactly, if both the digit and position are matched,

indicate them as Apples. If the digit is matched and position is different,

indicate them as Bananas.

Ramesh will give a hint to Suresh as follows:

e.g., secret number= 1231, and guess number = 4213

Only digit=2 is matching, so apple is 1, banana is 2

Ramesh tell the answer as 1A2B

You are given secrect number and guess number as strings,

Your task to help Ramesh, to find and return the HINT.

NOTE: The length of the both secrect and guess number is same,

contains only digits.

Input Format:

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Two strings, secret and guess

Output Format:

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Print the string, the HINT.

Sample Input-1:

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1807 7810

Sample Output-1:

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1A3B

Explanation:

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1 Apple and 3 Banana. Apple is 8, Banana are 0, 1 and 7.

Sample Input-2:

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1123 0111

Sample Output-2:

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1A1B

Explanation:

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The 1st 1 in Suresh guess is an Apple, the 2nd or 3rd 1 is B.

Write your python code below

'''

n1,n2=list(input().split())

s2=''.join(n2)

l=[]

a=0

b=0

# if(len(n1)<=len(n2)):

for i in range(0,len(n1)):

if(n1[i]==n2[i]):

a+=1

# l1.append(i)

s2=s2[:s2.index(n1[i])]+s2[s2.index(n1[i])+1:len(s2)]

else:

l.append(i)

# print(l)

for i in range(0,len(n1)):

if n1[i] in s2 and i in l :

b+=1

s2=s2[:s2.index(n1[i])]+s2[s2.index(n1[i])+1:len(s2)]

# print(s2)

print(str(a)+'A'+str(b)+'B')

For a Movie Premiere in US, advance booking is opened,

At Quad Cinema theater, each ticket costs $25.

And issue only one ticket per head.

People are standing in a queue to buy from Quad Cinema counter,

and order one at a time. And they are paying with either a $25, $50, or $100 notes.

You will be given, an array of notes[], the people are carrying with them.

Your task is to issue ticket and settle the balance to each person,

If a person given a $50 note, Issue the ticket worth $25 and settle the balance $25.

Print true, if and only if you can provide tickets and settle the balance

for all the people in the queue. Otherwise, false.

Note: Initially you don't have any amount in hand.

Input Format:

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Line-1: An integer N, number of persons

Line-2: N space separated integers, notes with the persons.

Output Format:

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Print a boolean value.

Sample Input-1:

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5

25 25 25 50 100

Sample Output-1:

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true

Explanation:

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- From the first three persons in queue, we take three $25 notes.

- For the fourth person in queue, we take a $50 note and give back a $25 note.

- For the last person, we take a $100 note and give back a $50 note and a $25 note.

- Since every person in the queue received the ticket and balance, the answer is true.

Sample Input-2:

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5

25 25 50 50 100

Sample Output-2:

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false

Explanation:

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- From the first two persons in queue, we take two $25 notes.

- For the next two persons in queue, we take a $50 note and give back a $25 note.

- For the last customer, we take $100, but can't give balance of $75 back

because we only have two $50 notes.

- Since not every person in the queue received the ticket and balance, the answer is false.

import java.util.\*;

public class Main{

public static void main(String[] args){

Scanner sc=new Scanner(System.in);

int n=sc.nextInt();

int[] arr=new int[n];

for(int i=0;i<n;i++){

arr[i]=sc.nextInt();

}

boolean flag=true;

Map<Integer,Integer> k=new HashMap<>();

for(int i: arr){

if(i==25){

if(k.containsKey(25)){

int ans=k.get(25);

k.put(i,ans+1);

}

else{

k.put(25,1);

}

}

if(i==50){

if(k.containsKey(25) && k.get(25)>=1){

k.put(25,k.get(25)-1);

if(k.containsKey(50)){

k.put(50,k.get(50)+1);

}

else{

k.put(50,1);

}

}

else{

flag=false;

}

}

if(i==100){

if(k.containsKey(50) && k.get(50)>=1 && k.containsKey(25) && k.get(25)>=1){

k.put(50,k.get(50)-1);

k.put(25,k.get(25)-1);

if(k.containsKey(100)){

k.put(100,k.get(100)+1);

}

else{

k.put(100,1);

}

}

else if(k.containsKey(25) && k.get(25)>=3){

k.put(25,k.get(25)-3);

}

else{

flag=false;

}

}

}

System.out.println(flag);

}

}

Mr Ravi is a business man, he does business weekly Q times,

and records his PROFIT or LOSS every time in to data[][] array.

He records the LOSS as a negative value and PROFIT as a positive value.

Your task is to help Mr Ravi to know that how many total number of times,

he was in LOSS after P weeks.

NOTE: The values in data[][] are in descending order both row-wise and

column-wise as given in sample testcases.

Input Format:

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Line-1: Two space separated integers, P and Q

Next P lines: Q space separated integers, data[][].

Output Format:

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Print an integer result.

Sample Input-1:

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4 4

5 4 2 -2

4 3 1 -2

2 2 -1 -3

-1 -1 -2 -4

Sample Output-1:

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8

Explanation:

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8 days in LOSS,since there are 8 negative values.

Sample Input-2:

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4 4

8 7 1 -2

7 6 2 -3

3 -1 -2 -4

-2 -3 -4 -7

Sample Output-2:

----------------

9

Explanation:

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9 days in LOSS,since there are 8 negative values.

Sample Input-3:

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2 2

9 3

5 0

Sample Output-3:

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0

import java.util.\*;

public class Main{

public static void main(String[] args){

Scanner sc=new Scanner(System.in);

int r=sc.nextInt();

int c=sc.nextInt();

int[][] arr=new int[r][c];

for(int i=0;i<r;i++){

for(int j=0;j<c;j++){

arr[i][j]=sc.nextInt();

}

}

int count=0;

for(int i=0;i<r;i++){

count+=bs(arr[i]);

}

System.out.println(count);

}

public static int bs(int[]arr){

int l=0;

int count=0;

int u=arr.length-1;

int mid;

while(l<=u){

mid=l+(u-l)/2;

if(arr[mid]<0){

count+=(u-mid)+1;

u=mid-1;

}

else{

l=mid+1;

}

}

return count;

}

}

