Question **1**

Correct

Marked out of 10.00

Given input of array of string in format <employee name> <employee number> separated by commas, you have to generate password for each employee.

Employee name contains only alphabets and employee number contains only digits.

The conditions to generate the password are

· The password will be single the character in the name of the employee at the index k

· where k is the digit that is present in the employee number that is less than or equal to the length of the employee name.

Note: The string index should be considered from 1.

Example

Input:

Robert:36787,Tina:68721,Jo:56389

Output:

tiX

Explanation

Length of Robert is 6 and 6 is present in employee number of Robert 36787, so return the alphabet at position 6 that is 't'.

Length of Tina is 4 and 4 is not present in the 68721 so select the number which is max and less than the length of Tina so select 2 return the alphabet at position 2 that is 'i'.

Length of Jo is 2 it is not present in 56389 and there is not present any number which is less than 2 so return 'X'.

Constraint

1<length(employee Name)<10

Input Format

A single string that that has sub strings separated by commas.

· employee name and employee number were separated by colon

Output Format

A single string formed by concatenating the of passwords of all employees.

For example:

Input	Result
Robert:36787,Tina:68721,Jo:56389	tiX

Answer: (penalty regime: 0 %)

```
a=input().split(',')
a1=[]
count=0
for i in a:
    b=i.split(':')
    r=len(b[0])
    if(str(r) in b[1]):
        a1.append(b[0][(r-1)])
    elif (str(r) not in b[1]):
        r1=r-1
        while(r1>0):
            if(str(r1) in b[1]):
                a1.append(b[0][r1-1])
                break
            r1-=1
        else:
            a1.append(chr(88))
print("".join(str(x) for x in  a1))
```

	Input	Expected	Got	
✔	`Robert:36787,Tina:68721,Jo:56389`	`tiX`	`tiX`	✔

Passed all tests! ✔