# Problem C

1 of 5

# Skener

Having solved the match issue, Mirko faced another challenging problem. His mom ordered him to read an article about the newest couples on the Croatian show-biz scene in the "Moja Tajna" magazine. The article is written in a very small font size which Mirko cannot read. Luckily, Mirko has a scanner in the closet which will enlarge the article for him.

The article is a matrix of characters with R rows and C columns. The characters are letters of the English alphabet, digits and the character '.' (period). Mirko's scanner supports two parameters,  $Z_R$  and  $Z_C$ . It substitutes each character it scans with a matrix of  $Z_R$  rows and  $Z_C$  columns, where all entries are equal to the scanned character.

Mirko realized his scanner's software no longer works so he needs your help.

# Input

The first row contains four integers, R, C,  $Z_R$  and  $Z_C$ . R and C are between 1 and 50, while  $Z_R$  and  $Z_C$  are between 1 and 5.

Each of the following R rows contains C characters each, representing the article from "Moja Tajna".

#### Output

The output should be a matrix of characters with  $R \cdot Z_R$  rows and  $C \cdot Z_C$  columns, the enlarged article.

#### Sample Input 1

### Sample Output 1



#### Sample Input 2

# Sample Output 2

2 of 5 12/5/2024, 10:35 pm

.X.

X.X

.X.

3 3 2 1

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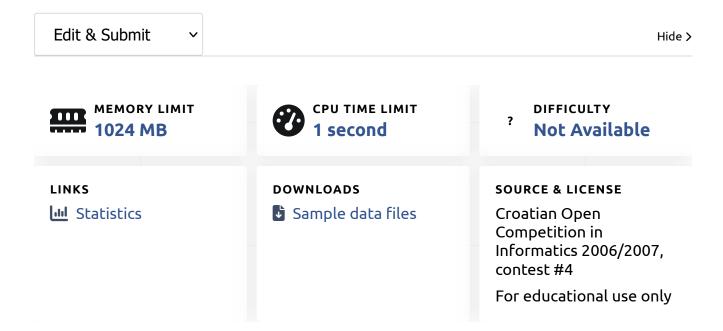
Q

Q .X. .X. X.XX.X

.X.

.X.

12/5/2024, 10:35 pm 3 of 5



4 of 5 12/5/2024, 10:35 pm

5 of 5