

## 2. SKENER

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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,  $ZR$  and  $ZC$ . It **substitutes each character** it scans with a **matrix of  $ZR$  rows and  $ZC$  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,  $R$ ,  $C$ ,  $ZR$  and  $ZC$ .  $R$  and  $C$  are between 1 and 50, while  $ZR$  and  $ZC$  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  $R \cdot ZR$  rows and  $C \cdot ZC$  columns, the enlarged article.

### Sample test data

#### input

```
3 3 1 2
.x.
x.x
.x.
```

#### output

```
..xx..
xx..xx
..xx..
```

#### input

```
3 3 2 1
.x.
x.x
.x.
```

#### output

```
.x.
.x.
x.x
x.x
.x.
.x.
```