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Array rotation - I   🔒 locked

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rotate_array function should rotate given array by number of elements mentioned.

Complete code for *rotate_array* function and use that in main to achieve following output from given input. Please do not change number of arguments or their types. Also do not change return type.

Input Format

Input will contain 2 lines.

First line will contain 1 string of characters (may have space and tabs).

Second line will have a number n. String needs to be rotated by n characters.

Constraints

0 < length of string <= 10000

0 < number of characters to rotate < length of string

Output Format

Output should have only one line containing string of characters (including space and tabs from input).

Sample Input 0

```
I am a student of DDU.
6
```

Sample Output 0

```
f DDU.I am a student o
```

Sample Input 1

```
I am a student of DDU.
0
```

Sample Output 1

```
I am a student of DDU.
```

Sample Input 2

```
I am a student of DDU.
1
```

Sample Output 2

```
.I am a student of DDU
```

Sample Input 3

```
I am a student of DDU.
2
```

Sample Output 3

```
U.I am a student of DD
```

Sample Input 4

```
I am a student of DDU.
21
```

Sample Output 4

```
 am a student of DDU.I
```

f ✈ in

Submissions: 121
Max Score: 10
Difficulty: Medium

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| C | ⌄ |

```c
#include <stdio.h>
#include <string.h>
#include <math.h>
#include <stdlib.h>

void rotate_array(char str[], int number_of_chars_to_rotate)
{
    // Write code here to rotate characters in the array by number_of_chars_to_rotate
    // Use array traversing method
    // Do not use array indexation method or pointer offset method.
}

int main()
{
```

```
16 ▼     /* Enter your code here. Read input from STDIN. Print output to STDOUT */
17       return 0;
18 }
```

Line: 1 Col: 1

⬆ Upload Code as File   ☐ Test against custom input

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