# Merge the Tools!

**Prints**

Print each subsequence on a new line. There will be  of them. No return value is expected.

**Input Format**

The first line contains a single string, .  
The second line contains an integer, , the length of each substring.

**Constraints**

* , where  is the length of
* It is guaranteed that  is a multiple of .

**Sample Input**

STDIN Function

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AABCAAADA s = 'AABCAAADA'

3 k = 3

**Sample Output**

AB

CA

AD

**Explanation**

Split  into  equal parts of length . Convert each  to  by removing any subsequent occurrences of non-distinct characters in :

Print each  on a new line.

def merge\_the\_tools(string, k):

    # your code goes here

    while(string):

        seen=''

        s=string[0:k]

        for i in s:

            if i not in seen:

                seen+=i

        print(seen)

        string=string[k:]

if \_\_name\_\_ == '\_\_main\_\_':

    string, k = input(), int(input())

    merge\_the\_tools(string, k)

Input (stdin)

Download

* **AABCAAADA**
* **3**

Expected Output

Download

* **AB**
* **CA**
* **AD**