@LeetCode

You are given a license key represented as a string S which consists only alphanumeric character and dashes. The string is separated into N+1 groups by N dashes.

Given a number K, we would want to reformat the strings such that each group contains *exactly* K characters, except for the first group which could be shorter than K, but still must contain at least one character. Furthermore, there must be a dash inserted between two groups and all lowercase letters should be converted to uppercase.

Given a non-empty string S and a number K, format the string according to the rules described above.

Example 1:

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Input: S = "5F3Z-2e-9-w", K = 4


Output: "5F3Z-2E9W"


Explanation: The string S has been split into two parts, each part has 4 characters.
Note that the two extra dashes are not needed and can be removed.
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Example 2:

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Input: S = "2-5g-3-J", K = 2


Output: "2-5G-3J"


Explanation: The string S has been split into three parts, each part has 2 characters
except the first part as it could be shorter as mentioned above.
```

Note:

1. The length of string S will not exceed 12,000, and K is a positive integer.
2. String S consists only of alphanumerical characters (a-z and/or A-Z and/or 0-9) and dashes(-).
3. String S is non-empty.