

418. Sentence Screen Fitting

Medium

422

211

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Given a `rows x cols` screen and a sentence represented by a list of **non-empty** words, find **how many times** the given sentence can be fitted on the screen.

- Note:**
1. A word cannot be split into two lines.
 2. The order of words in the sentence must remain unchanged.
 3. Two consecutive words **in a line** must be separated by a single space.
 4. Total words in the sentence won't exceed 100.
 5. Length of each word is greater than 0 and won't exceed 10.
 6. $1 \leq rows, cols \leq 20,000$.

Example 1:

Input:
rows = 2, cols = 8, sentence = ["hello", "world"]

Output:
1

Explanation:
hello---
world---

The character '-' signifies an empty space on the screen.

Example 2:

Input:
rows = 3, cols = 6, sentence = ["a", "bcd", "e"]

Output:
2

Explanation:
a-bcd-
e-a---
bcd-e-

The character '-' signifies an empty space on the screen.

Example 3:

Input:
rows = 4, cols = 5, sentence = ["I", "had", "apple", "pie"]

Output:
1

Explanation:
I-had
apple
pie-I
had--

The character '-' signifies an empty space on the screen.

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