12/28/24, 11:25 PM Valid Word Abbreviation











Valid Word Abbreviation

Try to solve the Valid Word Abbreviation problem.

We'll cover the following



- Statement
- Examples
- Understand the problem
- Figure it out!
- · Try it yourself

Statement



Given a string word and an abbreviation abbr, return TRUE if the abbreviation matches the given string. Otherwise, return FALSE.



A certain word "calendar" can be abbreviated as follows:



Valid Word Abbreviation 12/28/24, 11:25 PM

> • "cal3ar" ("cal end ar" skipping three characters "end" from the word "calendar" still matches the provided abbreviation)



• "c6r" ("c alenda r" skipping six characters "alenda" from the word "calendar" still matches the provided abbreviation)

The word "internationalization" can also be abbreviated as "i18n" (the abbreviation comes from skipping 18 characters in "internationalization", leaving the first and last letters "i" and "n").

The following are *not* valid abbreviations:

- "c06r" (has leading zeroes)
- "caleOndar" (replaces an empty string)
- "c24r" ("c al enda r" the replaced substrings are adjacent)

Constraints:

- $1 \leq \mathsf{word.length} \leq 20$
- word consists of only lowercase English letters.
- $1 \le abbr.length \le 10$
- abbr consists of lowercase English letters and digits.
- All the integers in abbr will fit in a 32-bit integer.





12/28/24, 11:25 PM Valid Word Abbreviation





Understand the problem

Let's take a moment to make sure you've correctly understood the problem. The quiz below helps you check if you're solving the correct problem:

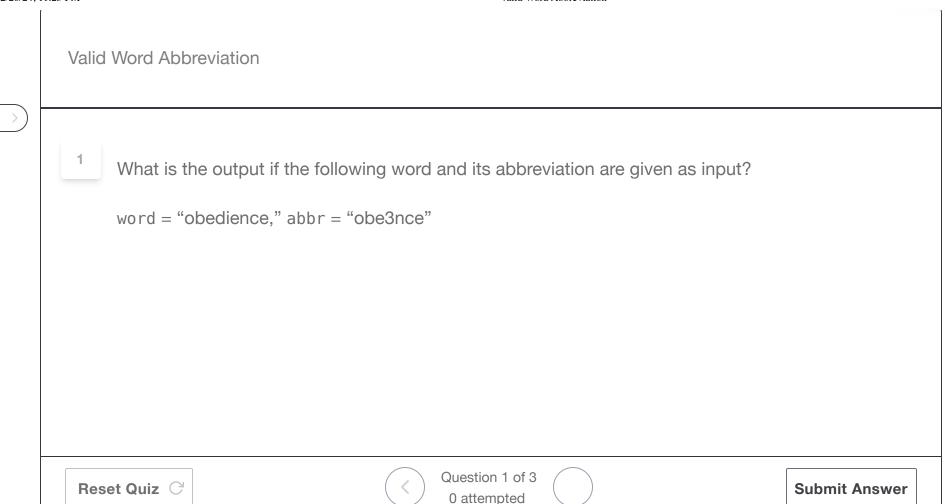


Figure it out!

We have a game for you to play. Rearrange the logical building blocks to develop a clearer understanding of how to solve this problem.



Sequence - Vertical ①

>

Drag and drop the cards to rearrange them in the correct sequence.

- 0
- 1
- 2
- 3
- 4
- 5

Valid Word Abbreviation

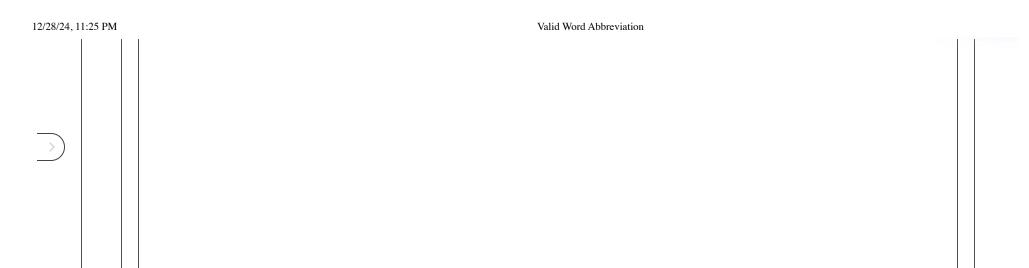
C Reset

Show Solution
Submit

Try it yourself

Implement your solution in the following coding playground.





Valid Word Abbreviation

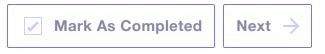
Code Feedback BETA 💢



Solution: Reverse Words in a String

✓ Test Cases

⋨⊒ Results



Solution: Valid Word Abbreviation





