

Description


Solution

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Python

Autocomplete

408. Valid Word Abbreviation

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Given a **non-empty** string `s` and an abbreviation `abbr`, return whether the string matches with the given abbreviation.

A string such as `"word"` contains only the following valid abbreviations:

```
["word", "1ord", "w1rd", "wo1d", "wor1", "2rd", "w2d", "wo2", "1o1d", "1or1", "w1r1", "1o2", "2r1", "3d", "w3", "4"]
```

Notice that only the above abbreviations are valid abbreviations of the string `"word"`. Any other string is not a valid abbreviation of `"word"`.

Note:
Assume `s` contains only lowercase letters and `abbr` contains only lowercase letters and digits.

Example 1:

```
Given s = "internationalization", abbr = "i12iz4n":
```

```
Return true.
```

Example 2:

```
Given s = "apple", abbr = "a2e":
```

```
Return false.
```

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```
1 class Solution(object):
2     def validWordAbbreviation(self, word, abbr):
3         """
4         :type word: str
5         :type abbr: str
6         :rtype: bool
7         """
8
```