

Description

Solution

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Python

Autocomplete

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## 1087. Brace Expansion

Medium

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A string `S` represents a list of words.

Each letter in the word has 1 or more options. If there is one option, the letter is represented as is. If there is more than one option, then curly braces delimit the options. For example, `"{a,b,c}"` represents options `["a", "b", "c"]`.

For example, `"{a,b,c}d{e,f}"` represents the list `["ade", "adf", "bde", "bdf", "cde", "cdf"]`.

Return all words that can be formed in this manner, in lexicographical order.

## Example 1:

Input: `"{a,b}c{d,e}f"`

Output: `["acdf", "acef", "bcdf", "bcef"]`

## Example 2:

Input: `"abcd"`

Output: `["abcd"]`

## Note:

1. `1 <= S.length <= 50`
2. There are no nested curly brackets.
3. All characters inside a pair of consecutive opening and ending curly brackets are different.

```
1 class Solution(object):
2     def expand(self, S):
3         """
4         :type S: str
5         :rtype: List[str]
6         """
7
```

Console

Contribute

Problems

✖ Pick One

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Next &gt;

▶ Run Code

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