500. Keyboard Row

▤ Description (?tab=Description)	◁/▷ Submission (?tab=Submission)	💬 Solutions (?tab=Solutions)	♡ Add to List (?tab=List)

Total Accepted: **4026**   Total Submissions: **6548**   Difficulty: **Easy**   Contributors: **Admin**

Given a List of words, return the words that can be typed using letters of **alphabet** on only one row's of American keyboard like the image below.
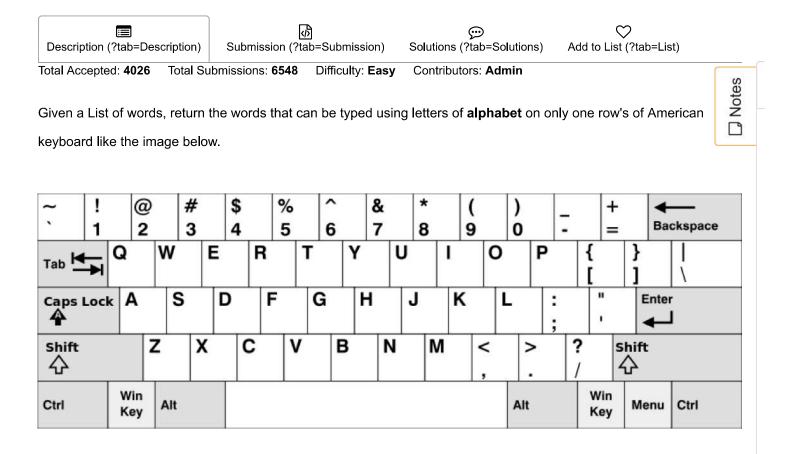

Example 1:

```
Input: ["Hello", "Alaska", "Dad", "Peace"]
Output: ["Alaska", "Dad"]
```

Note:

1. You may use one character in the keyboard more than once.
2. You may assume the input string will only contain letters of alphabet.

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Python ▾   ↻   </>

```python
class Solution(object):
    def findWords(self, words):
        """
        :type words: List[str]
        :rtype: List[str]
        """
        row1='qwertyuiopQWERTYUIOP'
        row2='asdfghjklASDFGHJKL'
        row3='ZXCVBNMzxcvbnm'
        found=[False]*3
        nwords=[]
        for word in words:
            for letter in word:
                if letter in row1:
                    found[0]=True
                elif letter in row2:
                    found[1]=True
                elif letter in row3:
                    found[2]=True
                if sum(found)!=1:
                    break
            if sum(found)==1:
                nwords.append(word)
            found=[False]*3
        return nwords
```

Notes

Custom Testcase ☐

Contribute Testcase ❓

Shortcut: Ctrl + '
▾

Run Code   Submit Solution

Run Code Status: Finished

Run Code Result:　　　　　　　　　　　　　　　　　　　　　　　　　✕

Your input

```
["Hello","Alaska","Dad","Peace"]
```

Your answer

```
["Alaska","Dad"]
```

Expected answer

```
["Alaska","Dad"]
```

Show Diff

Runtime: 42 ms

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Note: is Run Code inconsistent with Submit Solution? If you are using global variables or C/C++, check this