

212. Word Search II

Description

Given an `m x n` `board` of characters and a list of strings `words`, return *all words on the board*.

Each word must be constructed from letters of sequentially adjacent cells, where **adjacent cells** are horizontally or vertically neighboring. The same letter cell may not be used more than once in a word.

Example 1:

o	a	a	n
e	t	a	e
i	h	k	r
i	f	l	v

Input: `board = [["o","a","a","n"], ["e","t","a","e"], ["i","h","k","r"], ["i","f","l","v"]], words = ["oath","pea","eat","rain"]`
Output: `["eat","oath"]`

Example 2:

a	b
c	d

Input: `board = [["a","b"], ["c","d"]], words = ["abcb"]`
Output: `[]`

Constraints:

- `m == board.length`
- `n == board[i].length`
- `1 <= m, n <= 12`
- `board[i][j]` is a lowercase English letter.
- `1 <= words.length <= 3 * 104`
- `1 <= words[i].length <= 10`
- `words[i]` consists of lowercase English letters.
- All the strings of `words` are unique.

