244. Shortest Word Distance II Premium

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Design a data structure that will be initialized with a string array, and then it should answer queries of the shortest distance between two different strings from the array.

Implement the `WordDistance` class:

- `WordDistance(String[] wordsDict)` initializes the object with the strings array `wordsDict`.

- `int shortest(String word1, String word2)` returns the shortest distance between `word1` and `word2` in the array `wordsDict`.

Example 1:

```
Input
["WordDistance", "shortest", "shortest"]
[[["practice", "makes", "perfect", "coding", "makes"]], ["coding",
"practice"], ["makes", "coding"]]
Output
[null, 3, 1]

Explanation
WordDistance wordDistance = new WordDistance(["practice", "makes",
"perfect", "coding", "makes"]);
wordDistance.shortest("coding", "practice"); // return 3
wordDistance.shortest("makes", "coding");    // return 1
```

Constraints:

- $1 <= wordsDict.length <= 3 * 10^4$

- `1 <= wordsDict[i].length <= 10`

- `wordsDict[i]` consists of lowercase English letters.

- `word1` and `word2` are in `wordsDict`.

- `word1 != word2`

- At most `5000` calls will be made to `shortest`.

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Yes   No

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