

Description

Solution

Submissions

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Simple and intuitive Python solution (Faster than 90.35%)



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Generate two arrays `words1`, `words2` where we store the indexes of words where `word1` or `word2` appear.Return the minimum difference between the elements of the arrays `words1`, `words2`.

```
class Solution:
    def shortestWordDistance(self, words: List[str], word1: str, word2: str) -> int:
        words1 = []
        words2 = []
        for i in range(len(words)):
            if words[i] == word1:
                words1.append(i)
            if words[i] == word2:
                words2.append(i)
        min_distance = len(words)
        for i in range(len(words1)):
            for j in range(len(words2)):
                distance = abs(words1[i] - words2[j])
                if distance < min_distance and distance != 0:
                    min_distance = distance
        return min_distance
```