

139. Word Break

Difficulty : Medium

<https://leetcode.com/problems/word-break>

Given a string `s` and a dictionary of strings `wordDict`, return `true` if `s` can be segmented into a space-separated sequence of one or more dictionary words.

Note that the same word in the dictionary may be reused multiple times in the segmentation.

Example 1:

Input: `s = "leetcode", wordDict = ["leet", "code"]`

Output: `true`

Explanation: Return `true` because "leetcode" can be segmented as "leet code".

Example 2:

Input: `s = "applepenapple", wordDict = ["apple", "pen"]`

Output: `true`

Explanation: Return `true` because "applepenapple" can be segmented as "apple pen apple".
Note that you are allowed to reuse a dictionary word.

Example 3:

Input: `s = "catsanddog", wordDict = ["cats", "dog", "sand", "and", "cat"]`

Output: `false`

Constraints:

- `1 <= s.length <= 300`
- `1 <= wordDict.length <= 1000`
- `1 <= wordDict[i].length <= 20`
- `s` and `wordDict[i]` consist of only lowercase English letters.
- All the strings of `wordDict` are **unique**.