

139. 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 = "catsandog", wordDict = ["cats","dog","sand","and","cat"]
- **Output:** false

Constraints:

- $1 \leq s.length \leq 300$
- $1 \leq wordDict.length \leq 1000$
- $1 \leq wordDict[i].length \leq 20$
- s and wordDict[i] consist of only lowercase English letters.
- All the strings of wordDict are unique.