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
```

```python
class Solution:
    def wordBreak(self, s: str, wordDict: List[str]) -> bool:
        wordSet = set(wordDict)
        dp = [0]*(len(s)+1)
        dp[0] = 1
        for i in range(1, len(s)+1):
            for j in range(i):
                if dp[j] == 1 and s[j:i] in wordSet:
                    dp[i] = 1
                    break
                else:
                    dp[i] = 0
        return dp[-1] == 1
```