102.   Word break problem
PROGRAM:
```python
def word_break(s, wordDict):
    dp = [False] * (len(s) + 1)
    dp[0] = True

    for i in range(1, len(s) + 1):
        for j in range(i):
            if dp[j] and s[j:i] in wordDict:
                dp[i] = True
                break

    return dp[len(s)]

# Example
s = "applepenapple"
wordDict = ["apple", "pen"]
print(word_break(s, wordDict))  # Output: True
```
OUTPUT:
```
True


=== Code Execution Successful ===
```
TIME COMPLEXITY:O(N^2)