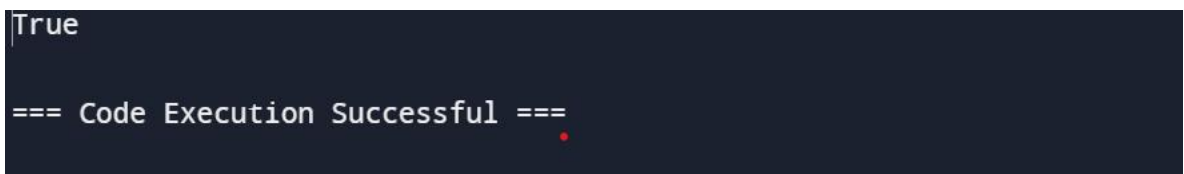


Exercise:-105 Word break problem

Program:-

```
def wordBreak(s, wordDict):  
    word_set = set(wordDict)  
    n = len(s)  
    dp = [False] * (n + 1)  
    dp[0] = True  
    for i in range(1, n + 1):  
        for j in range(i):  
            if dp[j] and s[j:i] in word_set:  
                dp[i] = True  
                break  
    return dp[n]  
  
# Example usage  
s = "leetcode"  
wordDict = ["leet", "code"]  
print(wordBreak(s, wordDict))
```

Output:



```
True  
  
=== Code Execution Successful ===
```

Time complexity:- $O(n^2)$