

104. word wrap

Program:

```
def word_wrap(text, line_width):  
    words = text.split()  
    current_line = words[0]  
    result = []  
  
    for word in words[1:]:  
        if len(current_line) + len(word) < line_width:  
            current_line += " " + word  
        else:  
            result.append(current_line)  
            current_line = word  
  
    result.append(current_line)  
    return result
```

```
text = "Lorem ipsum dolor sit amet, consectetur adipiscing elit."
```

```
line_width = 15
```

```
print(word_wrap(text, line_width))
```

output:

```
['Lorem ipsum', 'dolor sit amet,', 'consectetur', 'adipiscing', 'elit.']  
== Code Execution Successful ==
```

Time complexity:

$O(n * s)$

