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In [2]: # Create a plaintext file using notepad, containing a few sentences on separate lines.
# Save this file in the same directory as your Jupyter Notebook.
# Create a Python function that will output something
with open('Wk4-Dummytext.txt', 'r') as file:
    for line in file:
        words = line.split(' ')
        #print(line)
        print(words)
```

```
['This', 'is', 'a', 'text', 'file', 'with', 'now', 'particular', 'meaning.\n']
["It's", 'pretty', 'stupid', 'alright.\n']
['Lorem', 'ipsum', 'dolor', 'sit', 'amet,', 'consectetur', 'adipiscing', 'elit.']
```

```
In [19]: with open('Wk4-Dummytext.txt', 'r') as file:
        for line in file:
            words = line.split(' ')
            print("There are {0} words in: {1}".format(len(words), line)) # {0} refers to 'len(words)' / {1} refers to 'line'
```

There are 9 words in: This is a text file with now particular meaning.

There are 4 words in: It's pretty stupid alright.

There are 8 words in: Lorem ipsum dolor sit amet, consectetur adipiscing elit.

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In [21]: with open('Wk4-Dummytext.txt', 'r') as file:
        for line in file:
            words = line.split(' ')
            print("There are {0} words and {2} characters in: {1}".format(len(words), line, len(line)))
            # {0} refers to 'len(words)' / {1} refers to 'line' / {2} refers to 'len(line)'
```

There are 9 words and 49 characters in: This is a text file with now particular meaning.

There are 4 words and 28 characters in: It's pretty stupid alright.

There are 8 words and 56 characters in: Lorem ipsum dolor sit amet, consectetur adipiscing elit.