**Exercise 7 “Steve Jobs vs. Regex Redux”**Answer Sheet  
<https://sites.pitt.edu/~naraehan/ling1330/ex7.html>

Instructions:

* For **Code/output**, copy-paste the relevant section of your IDLE shell window that shows the code snippet along with the output. Screenshots recommended (colors!).
* For **Comment/write-up**, you should type up your answer or short analysis referencing what you found/accomplished through the code.
* [See this example](https://sites.pitt.edu/~naraehan/ling1330/HW4_PART_B_example.pdf) to get a sense of what’s expected!

Your name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. **Using re.sub(), replace all instances of capitalized words ('Jobs', 'Apple', etc.) with 'BUELLER'.**

|  |
| --- |
| Code/output (copy-paste) Your comment/write-up |

1. **Using re.findall(), formulate a regular expression that matches all multi-word proper noun phrases ("Steve Wozniak", "The Walt Disney Company", etc.).**

|  |
| --- |
| Code/output (copy-paste)  Your comment/write-up |

1. **Using re.sub(), replace all those matching instances with "<MULTIWORD-PNP>".**

|  |
| --- |
| Code/output (copy-paste)  Your comment/write-up |

1. **Substitute each multi-word proper NP with itself sandwiched between the opening tag <MULTIWORD-PNP> and the closing tag </MULTIWORD-PNP>.**

|  |
| --- |
| Code/output (copy-paste) Your comment/write-up |

1. **Your own substitution operation**

|  |
| --- |
| Code/output (copy-paste) Your comment/write-up |

1. **Searching for word types starting with a capital letter, using list comprehension and re.search()**

|  |
| --- |
| Code/output (copy-paste)  Your comment/write-up |

1. **Word types with five or more “vowel” characters in them**

|  |
| --- |
| Code/output (copy-paste)  Your comment/write-up |

1. **Word types starting and ending with the same letter**

|  |
| --- |
| Code/output (copy-paste)  Your comment/write-up |

1. **Word types with 4+ consecutive “consonant” characters in them**

|  |
| --- |
| Code/output (copy-paste)  Your comment/write-up |

1. **Your own regular expression search over word types**

|  |
| --- |
| Code/output (copy-paste) Your comment/write-up |