**Homework 5 “Regex in Python”**Answer Sheet  
<https://sites.pitt.edu/~naraehan/ling1330/hw5.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 **Write-up**, you should type up your answer/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: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**PART 1: Steve Jobs Redux**

1. **Try 2 of the regular expression matches from Exercise 7, using re.findall()**

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| Code/output (copy-paste) Write-up |
| Code/output (copy-paste) Write-up |

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

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| Code/output (copy-paste) 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.).**

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| Code/output (copy-paste)  Write-up |

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

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| Code/output (copy-paste)  Write-up |

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

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| Code/output (copy-paste) Write-up |

**PART 2: Exploring *Alice in Wonderland***

1. **A list of all-capitalized words**

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| Code/output (copy-paste) Write-up |

1. **Cases of 'have been', 'have ...ed' expressions with one intervening word**

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| Code/output (copy-paste) Write-up |

1. **A list of ‘so ...ly’ phrases**

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| Code/output (copy-paste) Write-up |

1. **A list of ‘so ...ly’ phrases with an optional intervening word**

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| Code/output (copy-paste) Write-up |

1. **Word tokens with 3+ “vowel” characters in a row**

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| Code/output (copy-paste) Write-up |

1. **Your own regular expression search**

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| Code/output (copy-paste) Write-up |

1. **All-caps quotes**

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| Q1. | Code/output (copy-paste) Write-up |
| Q2. | Code/output (copy-paste) Write-up |

1. **WH questions**

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| Code/output (copy-paste) Write-up |