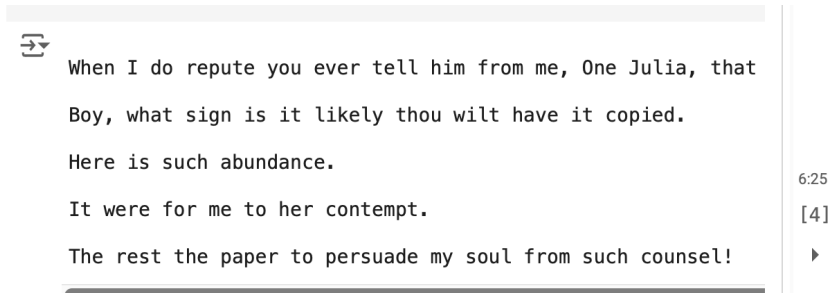


Lab week 10: Language**Name: Kassi Winter****Jupyter Notebooks**

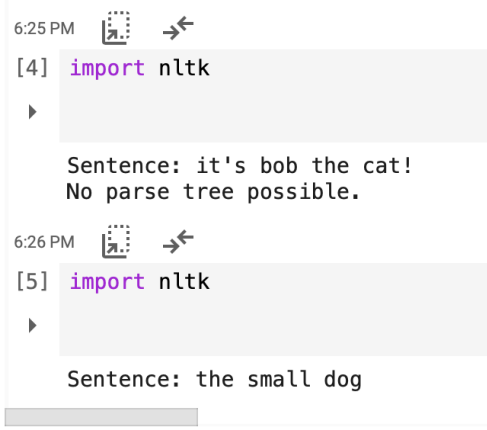
A quick introduction

https://colab.research.google.com/?utm_source=scs-index#scrollTo=GJBs_flRovLc**Markov Chains, Context Free Grammars, Sentiment Analysis**

Link to Colab for this lab:

<https://colab.research.google.com/drive/1XsIU8RZVh4Idu0X38yInKzvtEXL1qZ3r#scrollTo=cF6hwyXt6XGH>**Task #1 Results –**

```
When I do repute you ever tell him from me, One Julia, that  
Boy, what sign is it likely thou wilt have it copied.  
Here is such abundance.  
It were for me to her contempt.  
The rest the paper to persuade my soul from such counsel!
```

Task #2 Results –

```
[4] import nltk  
  
Sentence: it's bob the cat!  
No parse tree possible.  
  
[5] import nltk  
  
Sentence: the small dog
```

Task #3 Results –

6:27 PM



```
[6] import nltk  
import os
```

```
[nltk_data] Downloading package pu  
[nltk_data] Unzipping tokenizers  
s: cheap mother  
Positive: 0.6277  
Negative: 0.3723
```