

1. Experiment 1



A screenshot of a terminal window with a dark background and light-colored text. The window has a menu bar at the top with the options 'File', 'Edit', 'View', 'Search', and 'Terminal'. Below the menu bar, a list of words is displayed, each followed by a number representing its frequency. The words and their counts are: courtesies (9), courtesy (68), courtezans (2), courtiers (8), courtly (7), courts (8), cousin-german (1), cousins (10), coutume (1), covenant (4), cover'd (8), and covered (6).

File	Edit	View	Search	Terminal
courtesies			9	
courtesy			68	
courtezans			2	
courtiers			8	
courtly			7	
courts			8	
cousin-german			1	
cousins			10	
coutume			1	
covenant			4	
cover'd			8	
covered			6	

a.

2. Experiment 2

- a. Think about how you might be able to get around the fact that bigrams might span lines of input. Briefly describe how you might deal with that situation?
 - i. **because you are going line by line, you could save the last word of the previous line and just make a bigram of that followed by the first word of the next line**
- b. I could never get my bigram algorithm correct, it would only count 1 word, only tested on shakespeare