Ling 570
HW 6
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I would like to use an extension on this assignment. I could not complete it in time. Sorry for the trouble.

Q1. I have sorted the n-grams by frequency but they are not In an alphabetical order

Q2. In the lm_file except for the count value I have printed the probability and logarithmic probability as float. In the example file there are some values where the probability is 1 in the file but for my output it is 1.0

Q4.

lambda_1	lambda_2	lambda_3	Perplexity
0.05	0.15	0.8	399.749293709972
0.1	0.1	0.8	378.618504772221
0.2	0.3	0.5	237.255597181044
0.2	0.5	0.3	213.702744734123
0.2	0.7	0.1	212.335105442831
0.2	0.8	0	236.522974939648
1.0	0	0	998.672222227854