Ngram.py: Creates ngram model from train set and uses model to compute perplexity of test set.

Part 1:
Unigram test.reddit: 1073
Unigram test.ted: 985
Unigram test.news: 1037

Part 2:
Unigram test.reddit: 962
Unigram test.ted: 891
Unigram test.news: 947

Part 3:
ted.txt
Ngram (2-7) test.reddit: 170 109 83 70 64 59
Ngram (2-7) test.ted: 131 91 72 59 60 53
Ngram (2-7) test.news: 158 98 76 64 61 57
Reddit.txt
Ngram (2-7) test.reddit: 128 90 73 58 64 55
Ngram (2-7) test.ted: 172 105 81 70 68 57
Ngram (2-7) test.news: 156 99 74 61 56 45

Part 4:
(w/ smoothing)
ted.txt
Ngram (2-7) test.reddit: 162 102 78 67 60 54
Ngram (2-7) test.ted: 128 87 65 55 56 49
Ngram (2-7) test.news: 153 91 73 60 56 52
Reddit.txt
Ngram (2-7) test.reddit: 121 87 71 54 61 49
Ngram (2-7) test.ted: 171 97 78 65 64 54
Ngram (2-7) test.news: 153 94 68 57 51 42