README:

There are three separate programs for all the parts:

* BigramModel
* BigramParser
* SentenceNLP

TO compile and run the programs in terminal please use the following commands:

For BIGRAMMODEL and BIGRAMPARSER:

1. Compiling: javac BigramModel.java
2. Running: java BigramModel
3. Compiling: javac BigramParser.java
4. Running: java BigramParser

To compile and run SentenceNLP:

1. Compiling: javac SentenceNLP.java
2. Running: java SentenceNLP

BigramModel and BigramParser are both used for the tokenization and finding bigram counts and probabilities for the entire corpus.

SentenceNLP is used for the two given sentences to find out which one of them is most probable. The result and the screenshot is in a different word file.

NOTE: FOR BigramModel and BigramModel you have to make a change to run the programs successfully.

1. BigramModel : In line 188 please add directory of local folder which contains the file(must be in same directory as executable. I included the file in the same folder named “Corpus.rtf” .
2. BigramParser: In line 41 please add directory of local folder which contains the file(must be in same directory as executable. I included the file in the same folder named “Corpus.rtf”.