

## **README for HW2:**

### Description of files:

Bayes.py - initialize the bayes\_template.py and bayes\_template\_best.py, used in the execFile()

Bayes\_template.py - classifier with unigrams

Bayes\_template\_best.py - classifier with bigrams

Bayes\_bigram.txt - console output for bayes\_template\_best

Bayes\_unigram.txt - console output for bayes\_template

Dictionaries - object stored dictionaries for bayes\_template

Dictionaries\_best - object stored dictionaries for bayes\_template\_best

Movies\_reviews folder - used for training the program

Reviews folder - used in the testing purposes

Main.py - for the main controller of program

### Notes for Main.py:

Commented out the test for bayes\_template\_best.py, and the test for a single sentence.

### How to run the program:

To run the bayes\_template\_best: just run the main program, and put your testing files in the folder of movies\_review.

Similarly to run the bayes\_template: just uncommented the classify(), and put your testing files in the folder movies\_review.

To test a single sentence, I have provided the code for this purpose as well, just uncommented that portion and run the main program.