**Problem1:**

python unique\_word\_count.py input1.txt > output1.txt

**Problem2:**

python non\_stopword\_count.py input2.txt > output2.txt

**Problem3:**

python word\_bigram\_count.py input3.txt > output3.txt

**Problem4:**

python inverted\_index.py --stopwords stopwords.txt < input4.txt > output4.txt