NLP Assignment 2
Programming

Q4. As directed in the question infrequent words (count<5) have been replaced with '*_RARE_*'

Q5.

Total	precision	recall	F1-Score
4664	0.699	0.699	0.699

CKY Algorithm was implemented in CKY.py. The results are shown above.

Q6. With vertical markovization the algorithm takes longer to execute therefore a few changes have been done to scale it up. Vertical markovization can be seen as a way to capture context for every rule.

Total	precision	recall	F1-Score
4664	0.712	0.712	0.712