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Assignment 2

I followed the minimum assignment. The path probability on the development corpus was 86.99.

Instructions:

1. Run HMM.py, "python3 HMM.py POS_train.pos"
 - a. Outputs: "transition.json", "emission.json", "initial.json".
 - b. These outputs include the transition and emission matrices in respective json files, as well as the initial probability of each tag in an additional json file.
2. Run Viterbi.py "python3 Viterbi.py <filename>".
 - a. Output: "wsj_23.pos" with the provided words and the tags most likely affiliated with them