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Assignment 2: Text-Based AI Generation

Given the knowledge that I see now, and how the code was all implemented, changing the value of X further changes the answer, giving less relevant and stranger tokens. It feels and looks as though the poem itself begins to hallucinate, generating some humerus answers the longer it would go for whilst still retaining the structural integrity of the poem, as it only replaces the last word of each sentence.

For a proper N+7 system, where each noun would be replaced with one seven layers down in a lexicon dictionary, there would be two big hurdles to overcome: how to get the program to properly recognize what a "noun" is, which may have some library pre-built into it to determine, and to have an up-to-date lexicon library to search 7 layers down from. Perhaps a POS tagger, such as spaCy, could assist in this task, but ultimately, it would render the grammatical integrity more destabilized, thus damaging the poems original intent and meaning, similarly to what is being done now. However, unlike P+7, N+7 could create a subtler and more realistic strand of logic, allowing richer and more subtle transformations given someone who may not know the original source material. Keeping roughly half the code already built into the P+x program could be used, with these two structures in mind.

As we had the chance to put together two iterations of the system, a P+7 system and a P+x system, I did see some notable differences between the two. For the former, things felt more retrained, and somewhat plausable for them to be placed there, whereas the latter felt chaotic and alien, generating some funny answers, but none that would make any level of sense.