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Methods II
HW 2

Challenges:

1. I first struggled to understand what generators were, how to read the provided generator code, and why the yielded object needed to be converted to a list in order to manipulate it. The documentation had recommended passing the object to `next()` to see the sentence output, but Terminal would often give me a message saying `StopIteration`. In this case, I just settled on converting the output into a list so I could see the 'makeup' of the file's data.
2. After converting the sentences into a list, another challenge was to figure out how to divide the corpus into three portions. Because calculating the percentages yielded floats, I rounded down to simplify the process and convert them into integers. I sliced the corpus list into the corresponding portions, which resulted in the two remaining sentences that were not counted when I rounded the numbers down to be added to the `test.tag` file.
3. A huge challenge in general was learning how to work with `argparse`, understanding how it works, and how to open and write into files through `argparse`. It helped to watch video tutorials, but I definitely would benefit through more practice with different goals.
4. Finding an application to use was actually another big hurdle I encountered, because I only ever worked on Google Colab where I could run the code in the same window I worked. I was also not used to writing/running Python code through Terminal, so I had to take some time to do research on applications I could use for the assignment. I eventually settled on VSCode for now, though I had to download Miniconda to fix the issue of VSCode running Python 2.7 even after I downloaded Python 3.8. If there are any recommendations or tips on other good coding applications, it would be great to know!