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In the case of my code, there were a plethora of similarities between the Python code we created in out previous homework assignment and the code that we created in C# for this assignment. However, there were a few key differences that came back to the core programming behind each individual language. These similarities and differences were centered around the fields of readability, writability, and reliability.

From the perspective of readability, the code I have is very similar to the previously written Python code. Although not necessary, I included all relevant indentations in the C# to replicate the indentation-reliant coding scheme of Python and mimic its simplistic readability. On the other front, the more common use of while loops and FileStreams to iterate through the file can make it harder to read at times.

From the perspective of writability, the C# code did have a few changes that for a while I found difficult to emulate. C# has a variety of more rigid structures in terms of I/O and file reading to choose from than Python. After considering direct methods like File.WriteAllLines or File.ReadAllLines, I eventually chose a FileStream for its better ability for iteration. Once this hoop was conquered, the only challenges that I encountered in writing the code were specifying types and converting implicit methods in Python to data type methods in C#.

From the perspective of reliability, the C# code simply put is just as reliable as the Python code. The changes I made are identical in runtime processes as the former code, so the code does not lack anything in its portability to C#, or its portability to Python.

In summary, the two codes have mostly all similarities with a few slight differences that make them both viable options for the task required of them.