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Pycharm is a useful tool that programmers can use to write code. Although I do not have much experience utilizing it, I did enjoy practicing PyCharm during this assignment and learning about the different abilities the program has.

The first and most useful asset that PyCharm has is the ability to alert you of errors to let you know that something is off, and exactly what part of the code has the problem. As a new programmer, that feature is my best friend. It also helps me learn what the correct formatting should be. I just learned now that you must put a space after # in a comment, all thanks to the caution flag in PyCharm. This simplifies programming by getting you straight to the bug, without having to go through each line of code trying to figure out what needs to be fixed.

Another feature that I really enjoy about PyCharm is the “structure” feature. This could definitely simplify programming when writing really long code, as when you click on each tab under structure, it will highlight exactly where it is in your code. By creating descriptive labels, it would be much easier to find what you are looking for by referencing those tabs.

Lastly, the various colors that are displayed in the code when I am writing makes a huge difference. This makes the code more readable and also helps to see what functions I am using and if I did them correctly. Also, if I forget a parenthesis, I am alerted because the whole line of code is in the incorrect color. This greatly simplifies programming as it helps to prevent mistakes and it also helps highlight useful information that is visible much quicker due to the colors.