PyCharm IDE Reasoning

My experience with using the IDE was that it made it a lot easier when writing the code. One of the main functions that I realized is that it has these yellow and red warning symbols telling me I am doing something wrong. I saw that, and I instantly knew I was not doing the right thing even with never using an IDE before. Then I double-clicked it, and it opens a window with all the errors that I have made so far. Furthermore, when I double-clicked the error, it highlighted and revealed the code in question. Also, it gave recommendations on how to use the code better. Although it was a little vague in some areas, it was still helpful. And then I slowly began changing things, and it started to make sense what I was doing wrong.

The next thing that I noticed right away was that PyCharm tried to finish the command I was trying to use when I started typing. I like that it would give me different options right away. I feel that trying to remember every function when programming is a lot. In some videos and workshops, I have mentioned that. These two weeks have been testing my retention, and I would have to go back into the books to understand what I am trying to do. So if I were using this in the field, I would love to use it to make sense. PyCharm would be significantly used to find alternative and possibly better-looking code to achieve the same results.

Another helpful feature is the fact that its color-coded every function that I used. It color codes it if used in a way that the program understands it. If not used right, it will be a dull grey which implies I am not using it right. It also used similar colors for similar codes. If I was using print, import, 'str('it was the same different colors. Color coding the functions is useful because if I skim through my code, I could easily find something off or didn't belong. I feel that all these are functions of the IDE that I learned and saw right away make it way easier to find my mistake than using zybooks.