**PyCharm Installation Guide:**

1. Navigate to <https://www.jetbrains.com/pycharm/download/#section=windows>

2. Under "Download PyCharm," click your respective Operating System.

3. Next, click the "Download" button under the Community side.

4. Once the file is downloaded, double click it in your File Explorer or Finder to run it.

5. Next, allow it to make changes (if applicable) and then follow the steps within their setup guide.

If you have any installation issues or questions, please feel free to reach out to me (Noah Greer) via Slack and I will attempt to solve or answer them for you!

**EPC Decoder Installation Guide:**

1. Navigate to <https://github.com/Greer-Noah/EPC-Decoder>
2. In the top right corner, click the green button labeled "Code".
3. Under the local tab, click "Download Zip" at the bottom.
4. Extract the files from the .zip.
5. Open PyCharm and create a new project titled "EPC-Decoder".
6. Place the extracted files (main.py and requirements.txt) from the .zip within the EPC-Decoder PyCharm project (not under any folder/subdirectories).
   1. Click “Refactor” if necessary.
7. At the top of the screen, there should be a bar stating that the Package requirements are not met. Click "Install requirements" on the right side of the bar.
8. Click "Install" in the dialogue box that pops up.
9. Once the packages have been installed, look at the Project Directory on the left side of your screen.
10. Find the directory labeled "External Libraries" and expand it by clicking the '>' icon.
11. Now find the subdirectory labeled "site-packages" and expand it.
12. Scroll down to the "pyepc" subdirectory and expand that one.
13. Double click the "utils.py" file. This should open it in your editor window.
14. Scroll down to line 136, which says "def calculate\_check\_digit(number):".
15. On line 149, press "Enter" after the parentheses. (If a dialogue box pops up stating that this file is not in the project, click "I want to edit this file anyway").
16. On line 150, type "if step\_2 % 10 == 0:" and press enter.
17. On line 151, type "return "0"". (Note that there are quotes around the 0).
18. Now save the file with the 'CTRL + S' or 'CMD + S' keyboard shortcut.
19. Navigate back to the main.py file.
20. In the tool bar at the top of your screen, click "Run" and click "Run" in the drop-down window that appears.
21. In the next window that appears, click "main".
22. This should run the program and enable you to decode cycle count files. You may close the program.
23. In order to rerun the program, you can just click the green ">" button at the top right of your screen.

If you have any installation issues or questions, please feel free to reach out to me (Noah Greer) via Slack and I will attempt to solve or answer them for you!