WPILib:
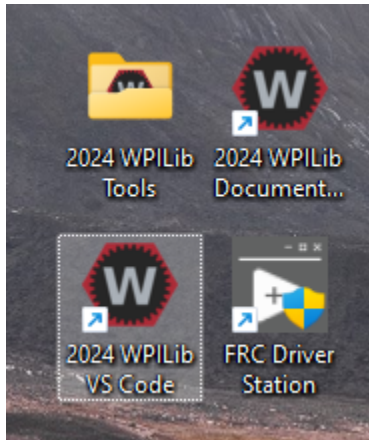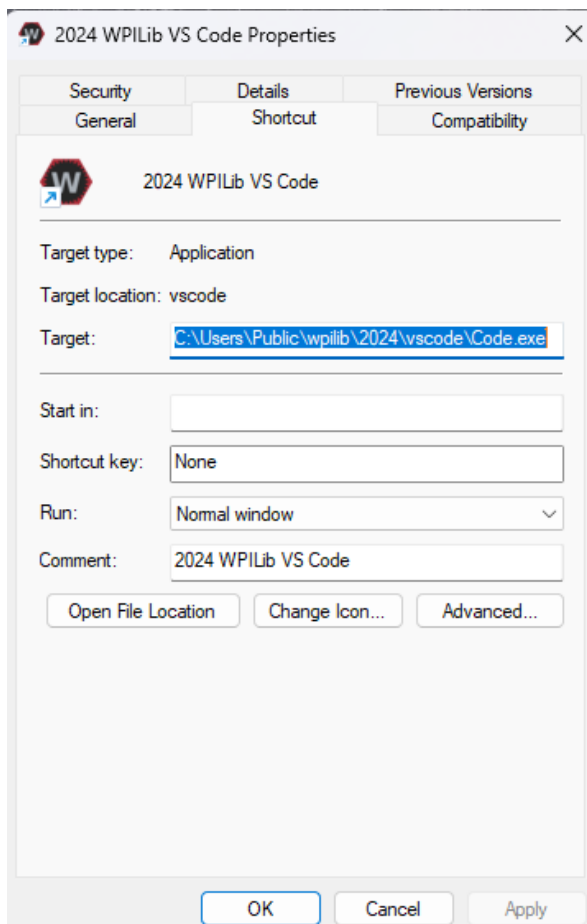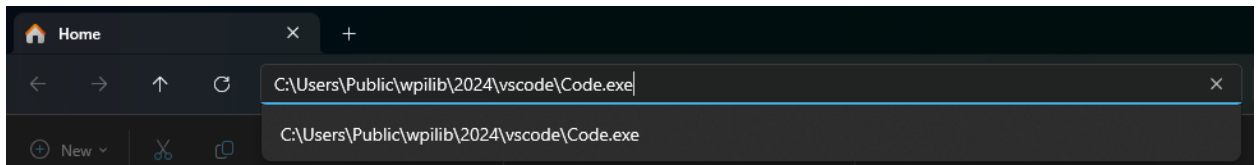
Remove old versions:

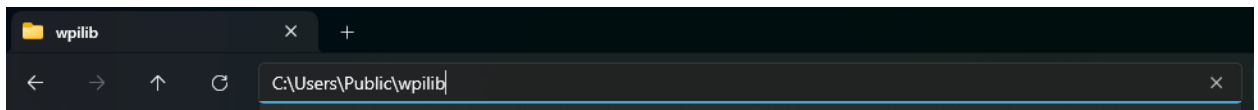1. Right click on the desktop shortcut, select Properties
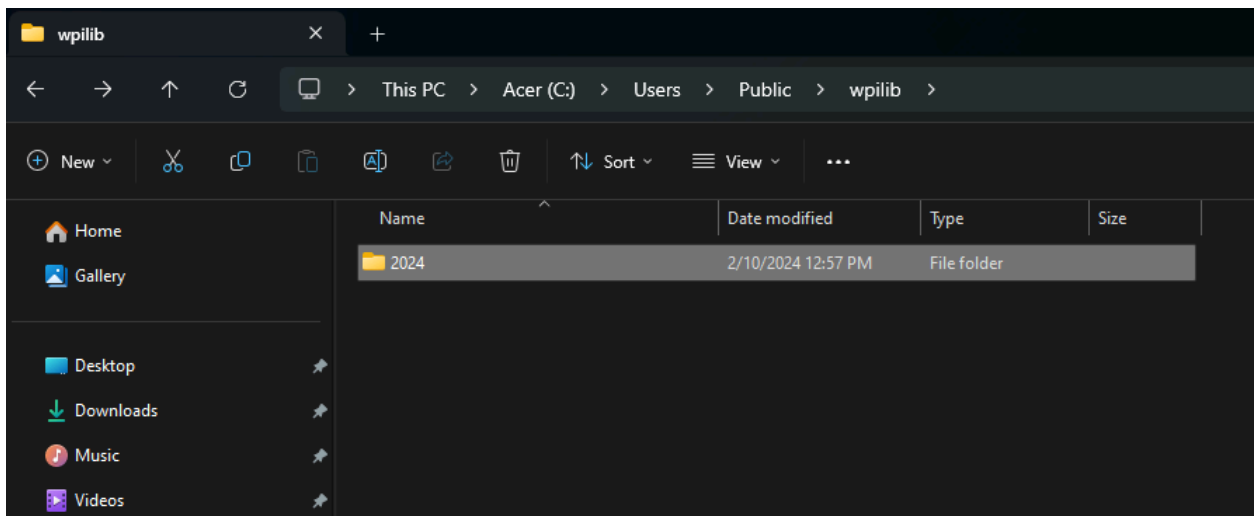

2. Copy the path under "Target"

3. Open file explorer and paste the path you have just copied, before pressing enter make sure to modify the path:

4. Delete the following at the end of the path: "\YYYY\vscode\Code.exe"
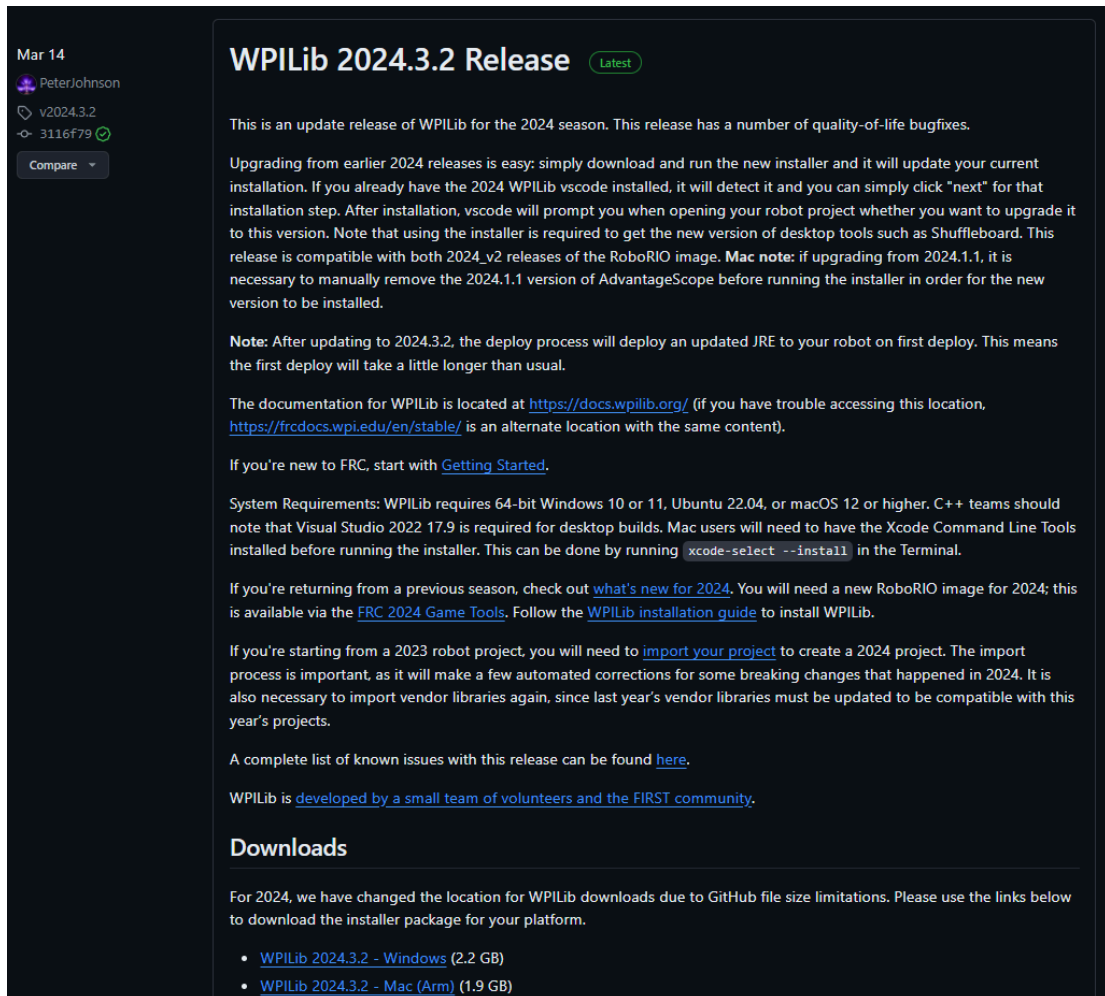   YYYY represents the year of the previous installation.

5. Finally delete all the folders in the directory.
   If you get an error telling you that this folder is in use, restart your pc and try again.
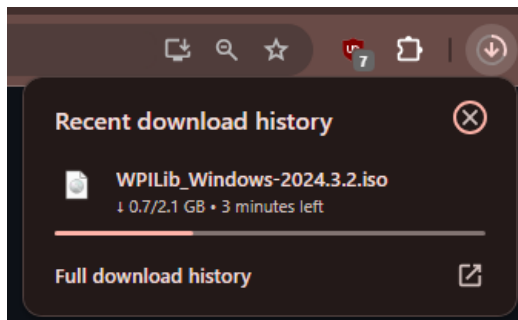
Install new version:

1. Go to: https://github.com/wpilibsuite/allwpilib/releases/ and locate the latest release.

2. Select the windows installer and wait for it to finish downloading

3. Locate the downloaded file, right click on it and select "Mount"
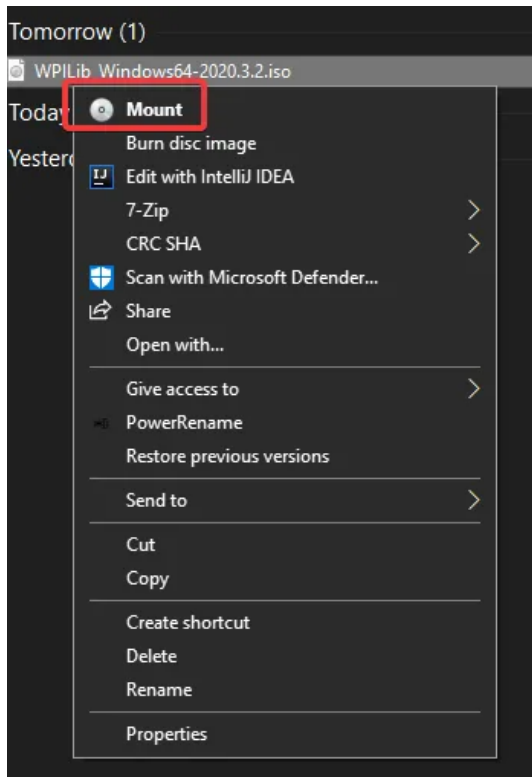
4. Ignore those warnings and click Open.

5. Double click to open the WPIlibInstaller.

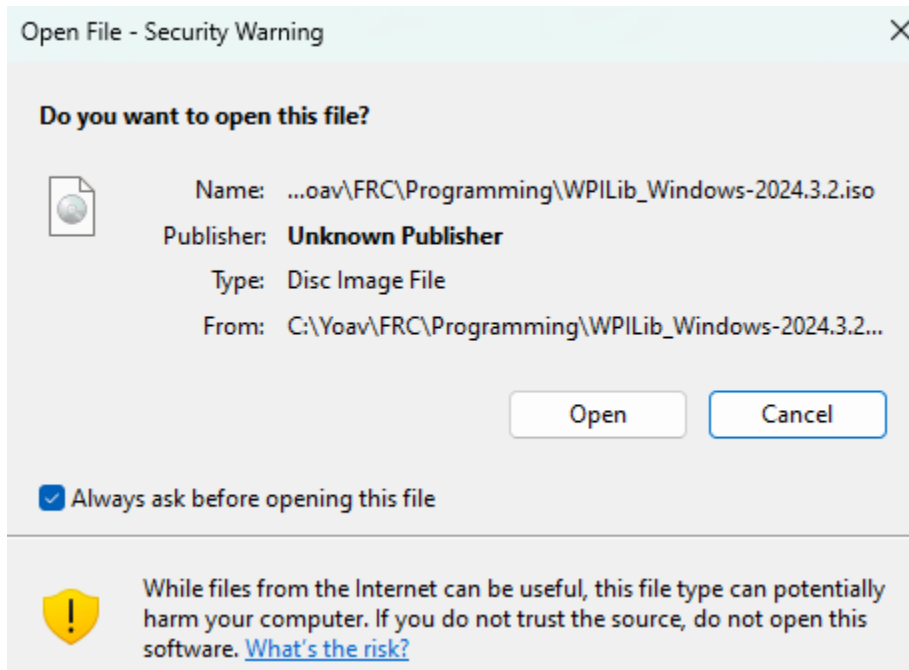| Name	Date modified	Type	Size
libHarfBuzzSharp.dll	3/14/2024 7:41 AM	Application exten...	894 KB
libSkiaSharp.dll	3/14/2024 7:41 AM	Application exten...	9,189 KB
WPILibInstaller	3/14/2024 7:41 AM	Application	41,596 KB
WPILibInstallerVersion	3/14/2024 7:41 AM	Text Document	1 KB
WPILibInstaller_Windows-2024.3.2-resour...	3/14/2024 7:41 AM	Compressed (zipp...	2 KB
WPILib_Windows-2024.3.2-artifacts	3/14/2024 7:45 AM	Compressed (zipp...	2,162,980 KB

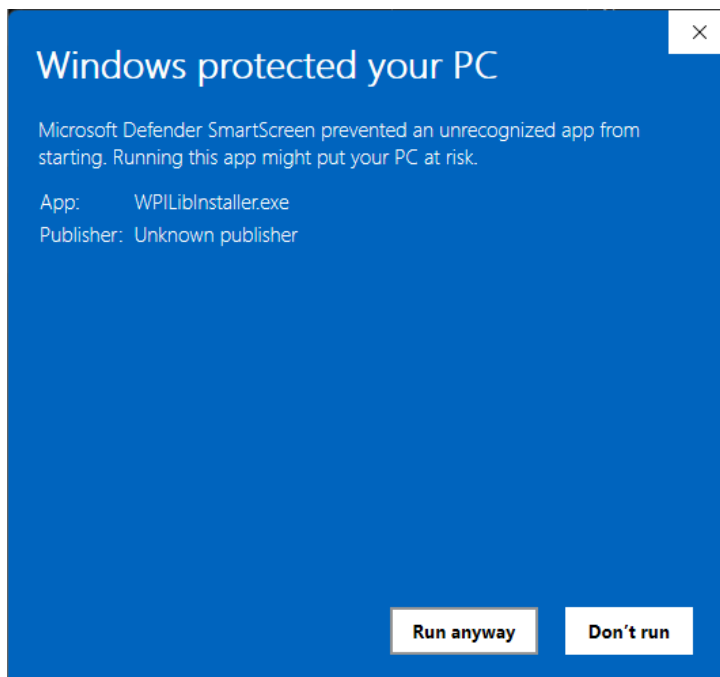6. If you get this warning (because windows doesn't recognize the publisher of this installer) select "More info" and "Run anyway"

Windows protected your PC

Microsoft Defender SmartScreen prevented an unrecognized app from starting. Running this app might put your PC at risk.

App: WPILibInstaller.exe
Publisher: Unknown publisher

Run anyway   Don't run

7. Continue the installation select "Everything", "Install for this User", "Download for this computer only (fastest)".

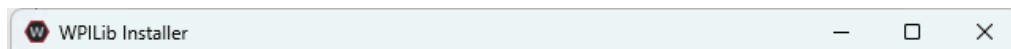8. After the installation is finished open "wpilib VS Code"

9. On the left sidebar go to "Extensions"
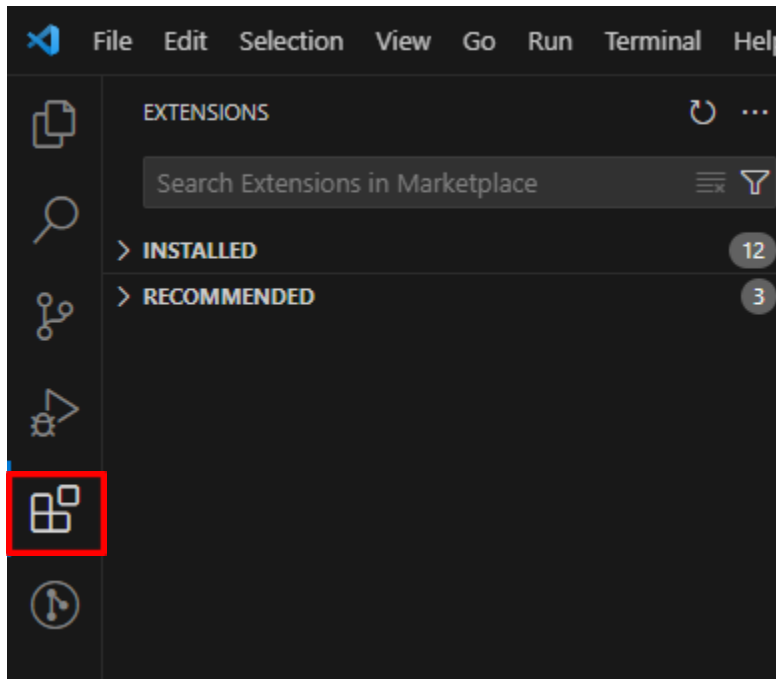
10. Install the following extension:
Code Spell Checker

Verify Installation:

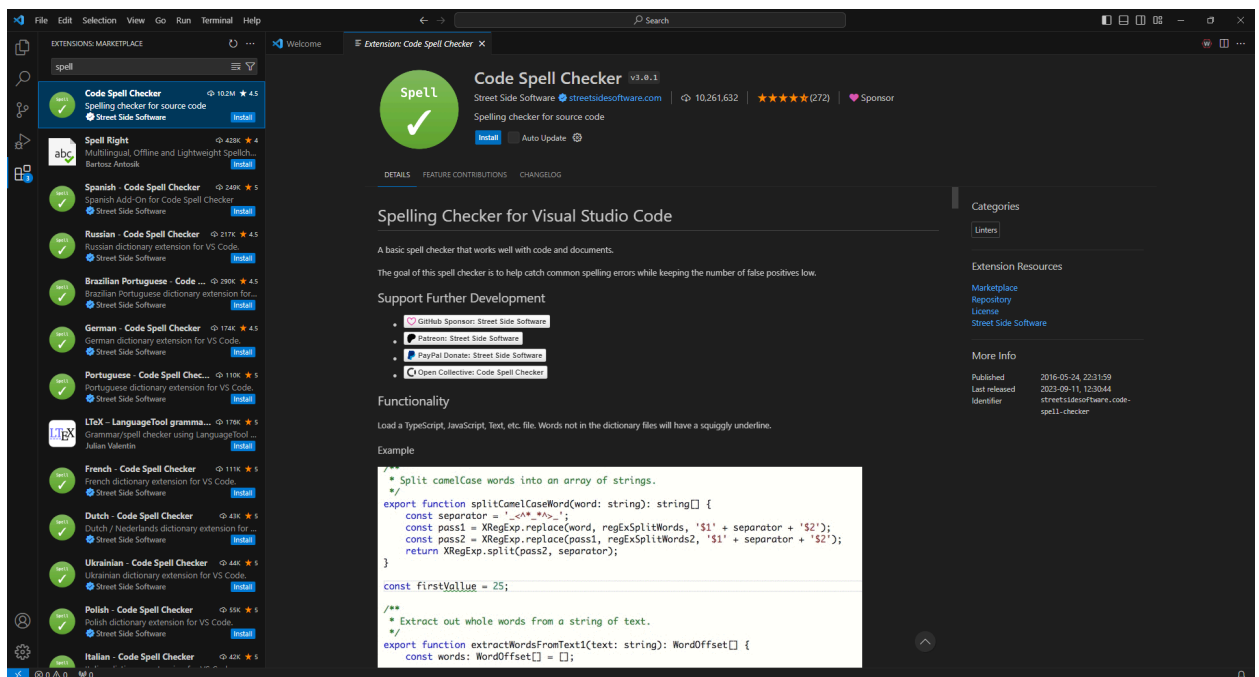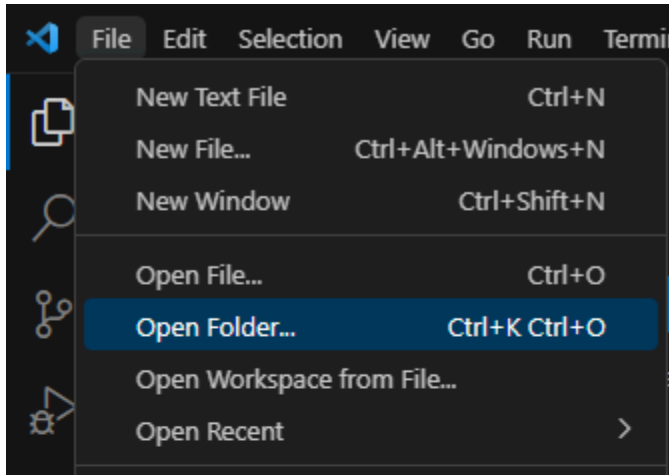1. Create a new directory in file explorer, keeping everything organized is **required!**
   Your directory should look something like this:
   "C:\Yoav\FRC\Programming\Tutorials"

2. In WPI vs code got to: File - Open Folder

3. Select the directory you have just created and click Open.
4. Create a new file with right click or double click.
5. Name it "JavaHelloWord.java", it is important to include the ".java" ending
6. Copy paste the following code into the file:

```java
class Program {
    public static void main(String[] args) {
        System.out.println("Hello, World!");
    }
}
```
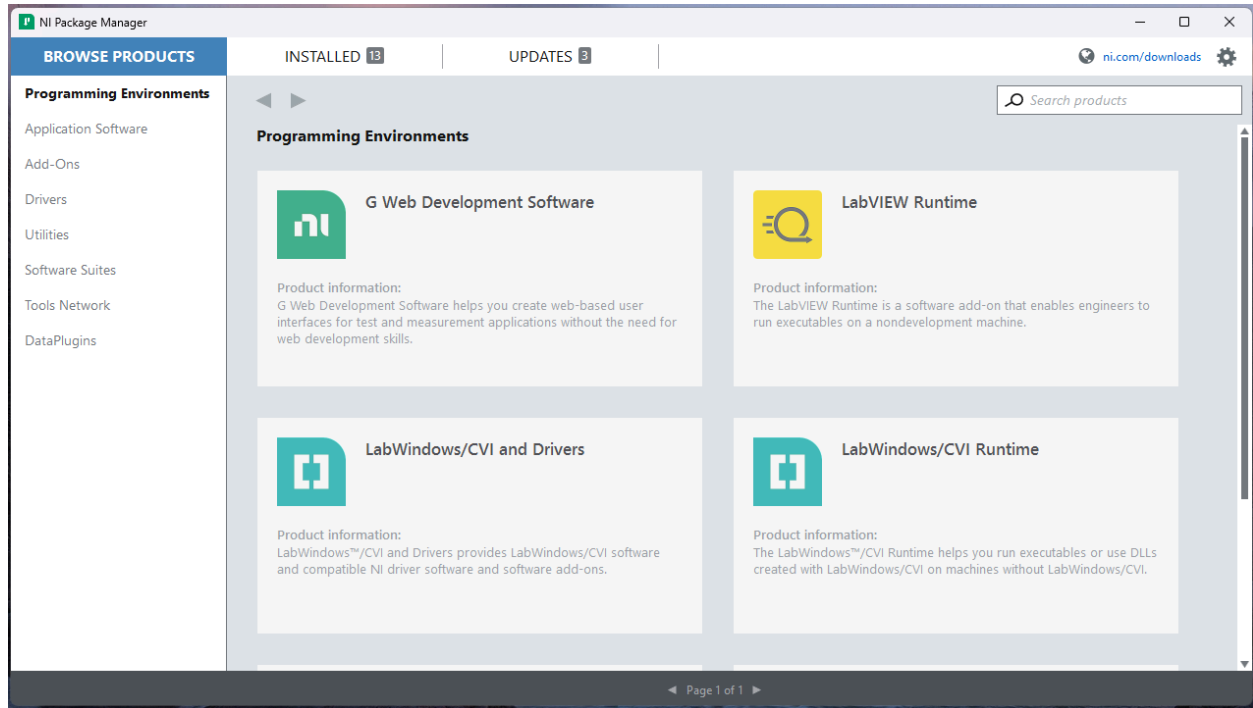
7. Run the code with the play button or Ctrl+f5
8. It should look something like this:
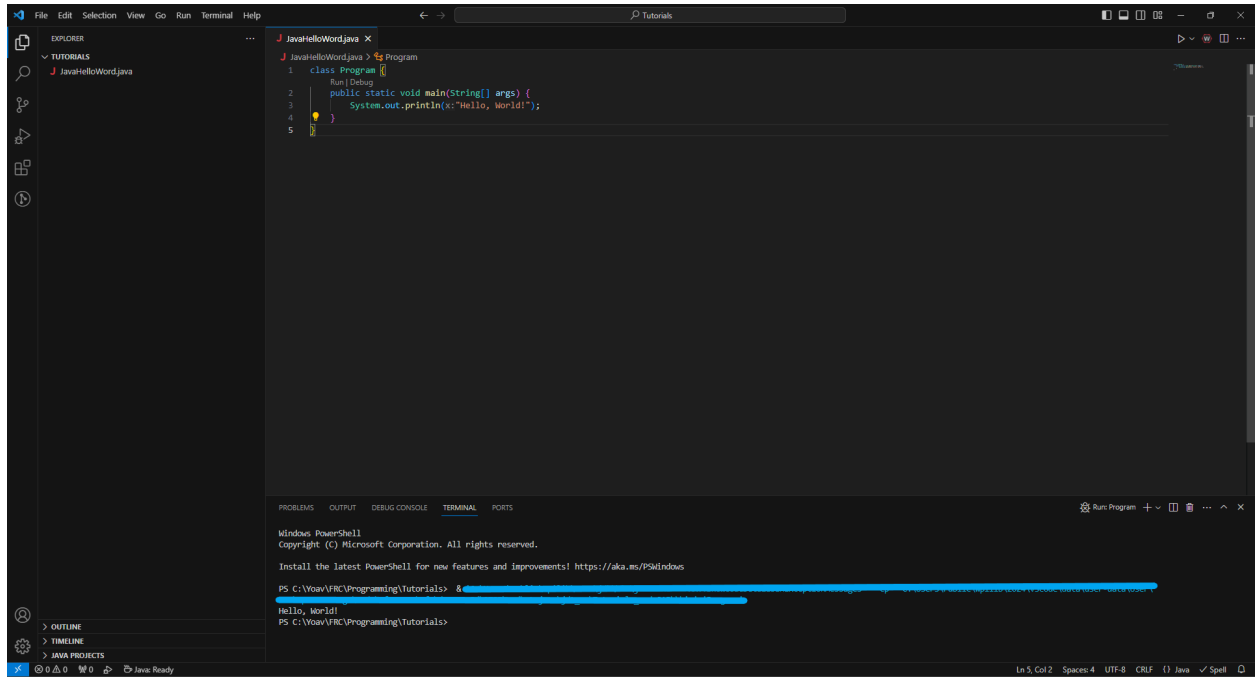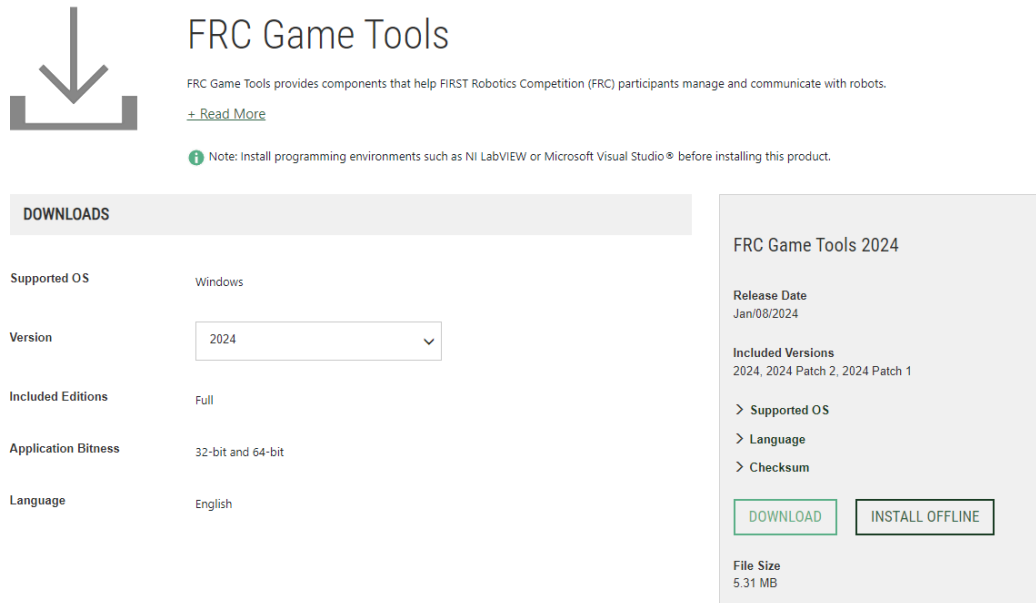
NI Game Tools:

Update old versions:

1. Open the application "NI Package Manager"

2. Go to "UPDATES"
3. Select all and click "Update"

Install from scratch:

1. Go to: [FRC Game Tools Download - NI](#)
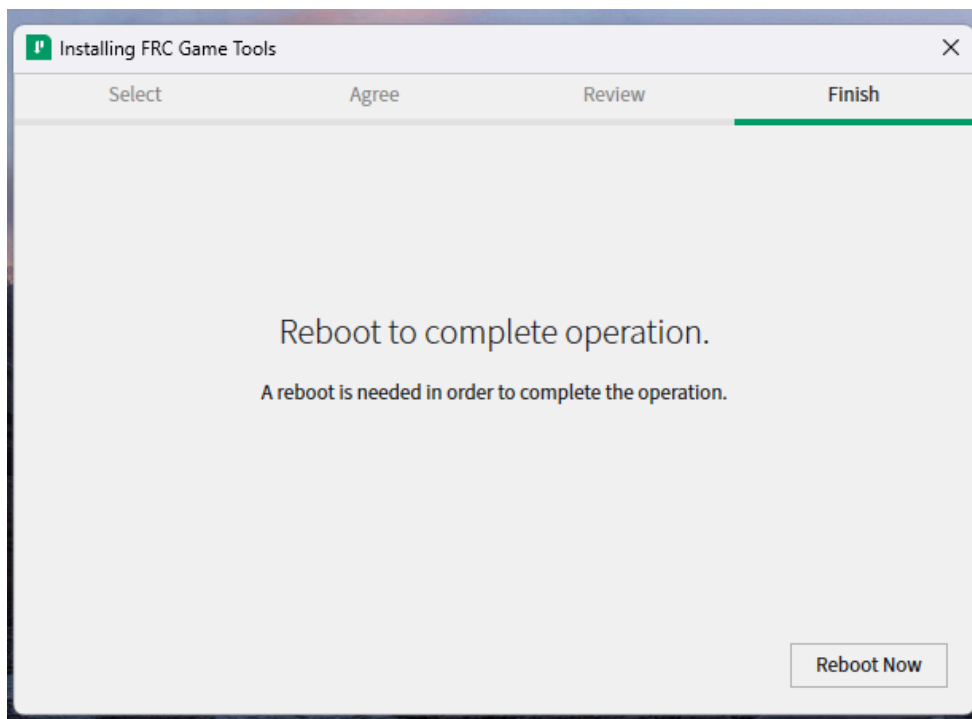

2. Click on "DOWNLOAD"
3. Open the Installer
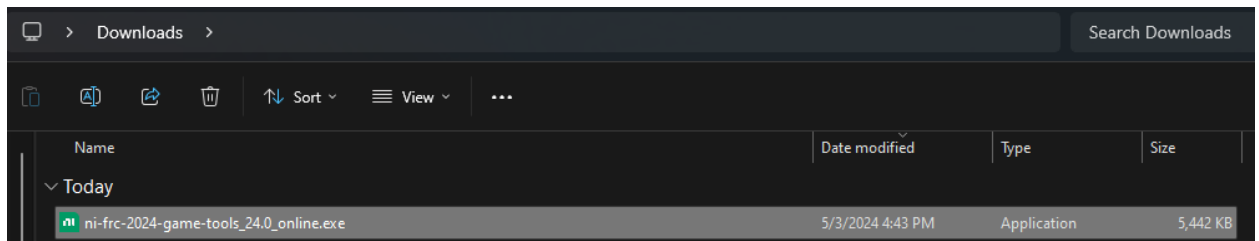
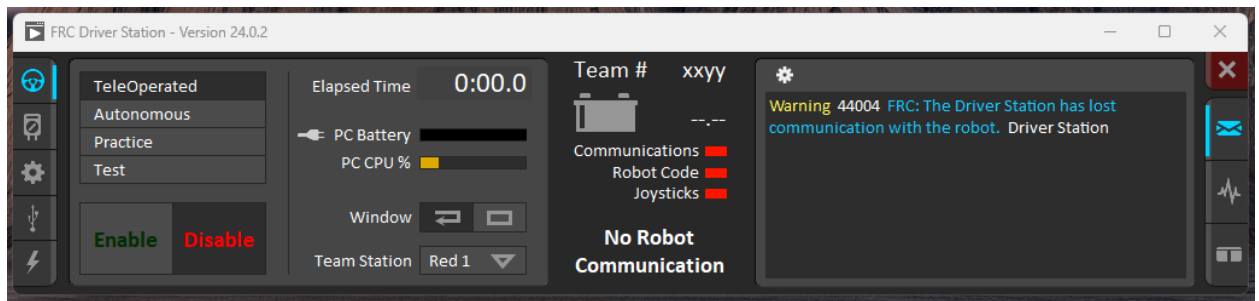4. MAKE SURE TO DESELECT THE FOLLOWING CHECKBOX WHEN RUNNING THROUGH THE INSTALLATION:
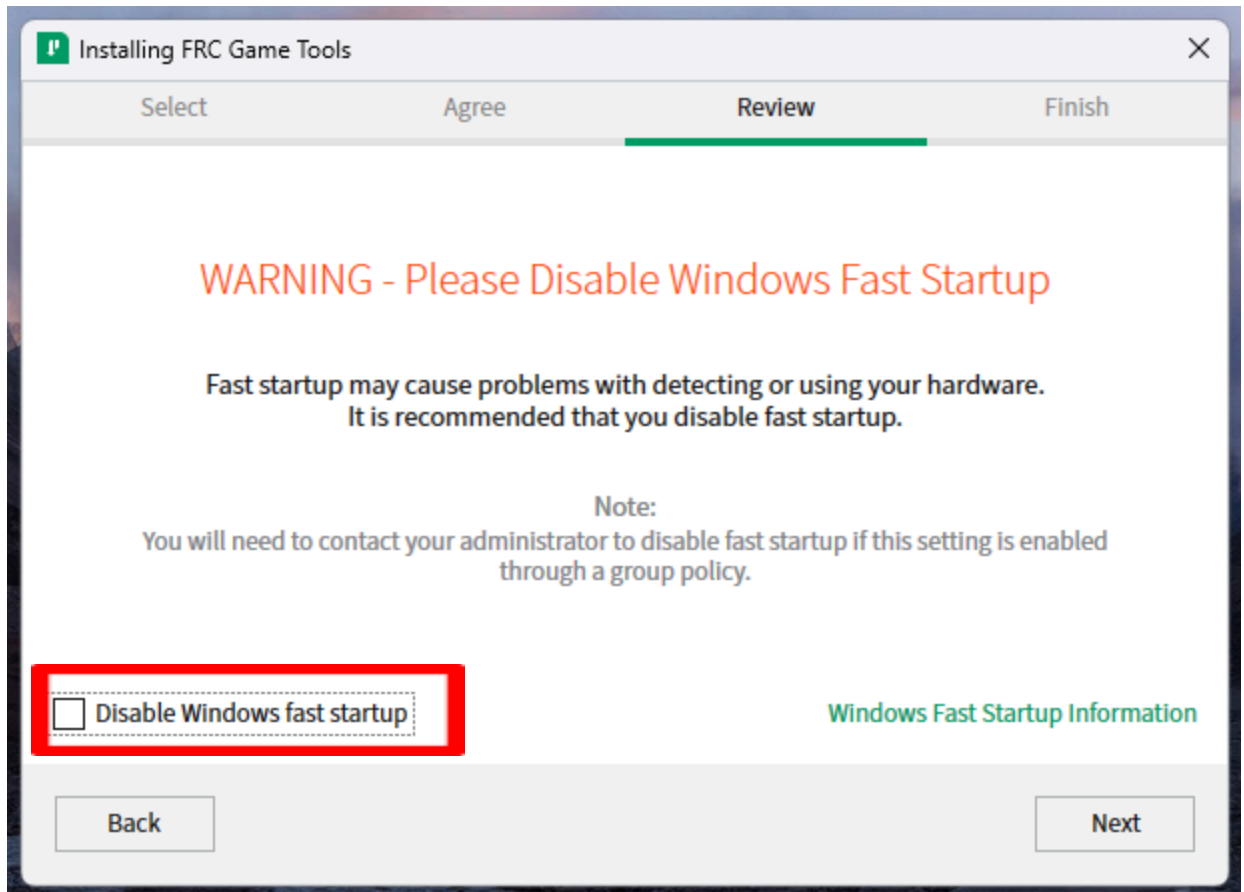
5. After installing you are required to reboot your pc
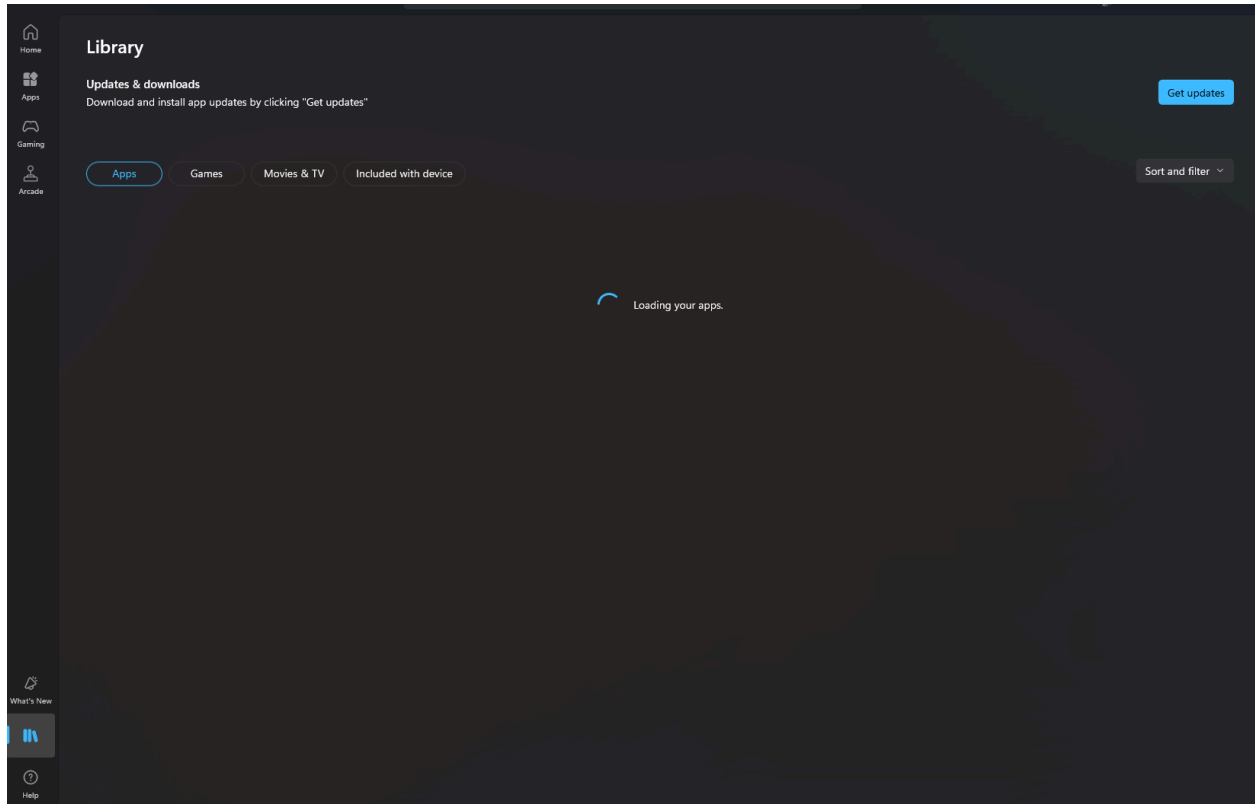
Verify Installation:

1. Open Driver Station, it should look like this:

Phoenix Tuner X:

Update current version:
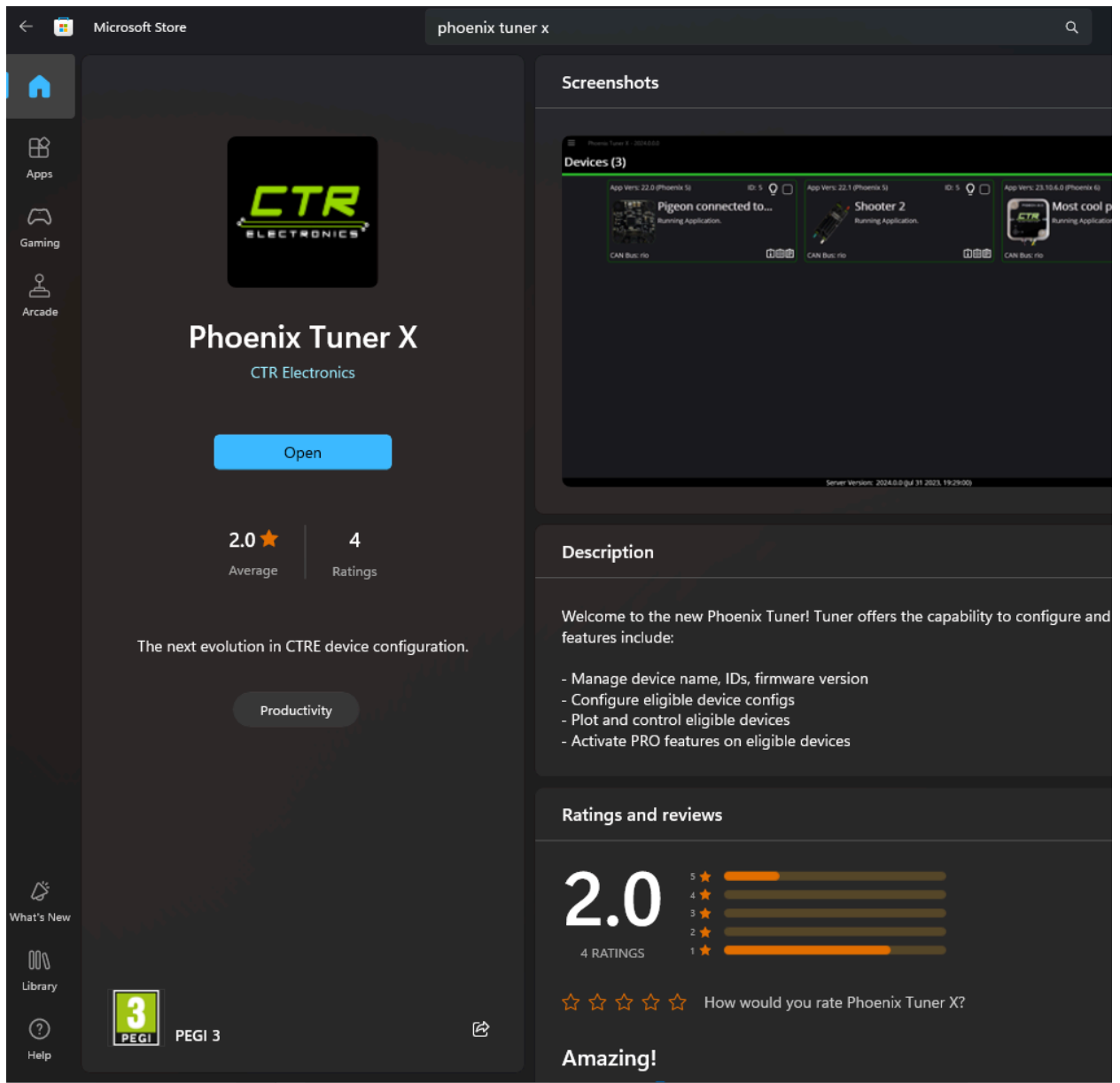
1. Open Microsoft store and navigate to "Library"

2. Find Tuner X and click "Update"

Install from scratch:

1. Open Microsoft store and find "Phoenix tuner x"

2. Click "Get" (or "Install")

Verify Installation:

1. Open Phoenix Tuner X: