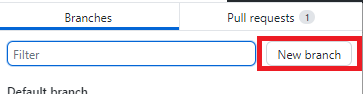
Bootcamp Detailed Steps for Creating Challenge Project

YouTube video examples give you example of what you need to do

1. <https://www.youtube.com/watch?v=C5DqnIu6g8k&pp=ygUnZnJjIDIwMjMgamF2YSBjb21tYW5kIGJhc2VkIHByb2dyYW1taW5n>
2. <https://www.youtube.com/watch?v=SLWOSvhonHA&pp=ygUnZnJjIDIwMjMgamF2YSBjb21tYW5kIGJhc2VkIHByb2dyYW1taW5n>

Full text based steps:

1. Create a **brand new** feature branch via Git Desktop



Graphical user interface, text, application

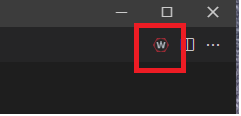
Description automatically generated

1. Open 2023 WPILib VS Code (windows should have a desktop icon, if not search for “WPILib VS Code”)

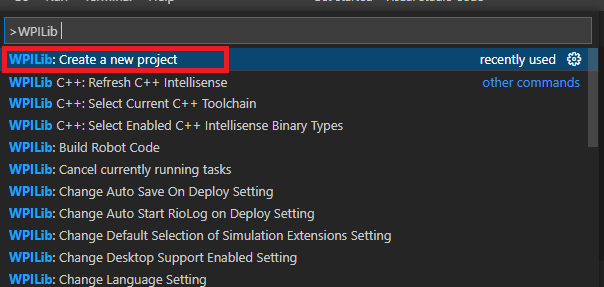
A picture containing text

Description automatically generated

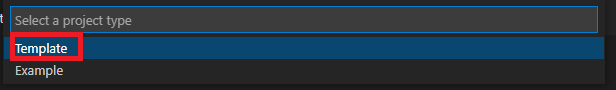
1. Open Command Palette (**WHEN IN DOBUT COME HERE**)

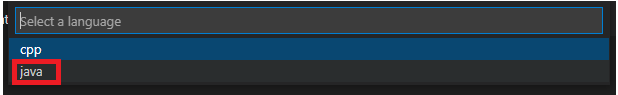


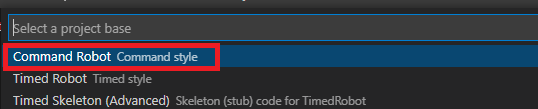
1. Create a new project



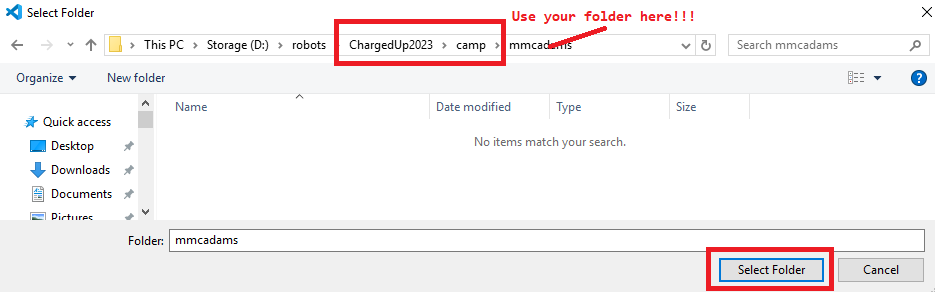
1. Select Template -> Java -> Command



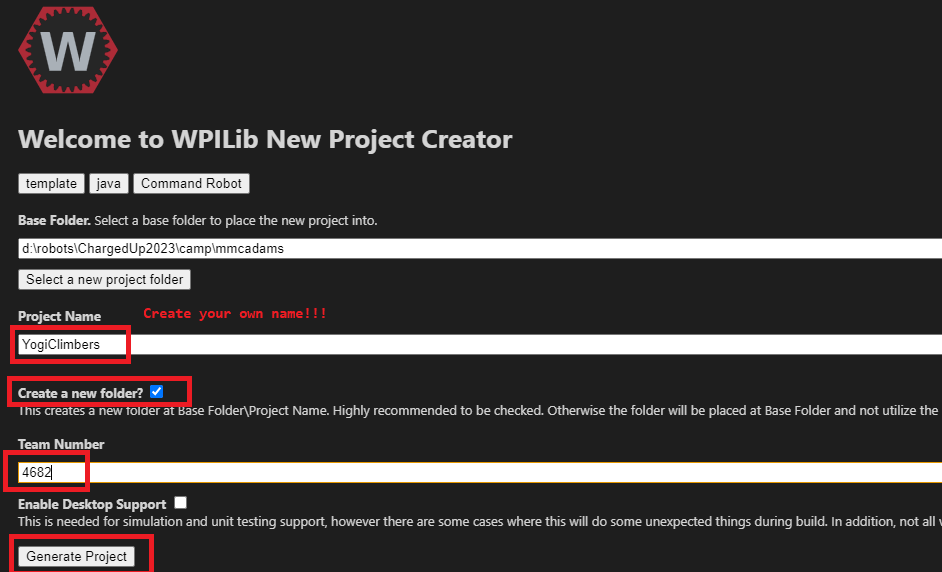




1. Select the proper folder to create the project in



1. Generate the project



1. Click ‘Yes’ to open the project

Graphical user interface, application

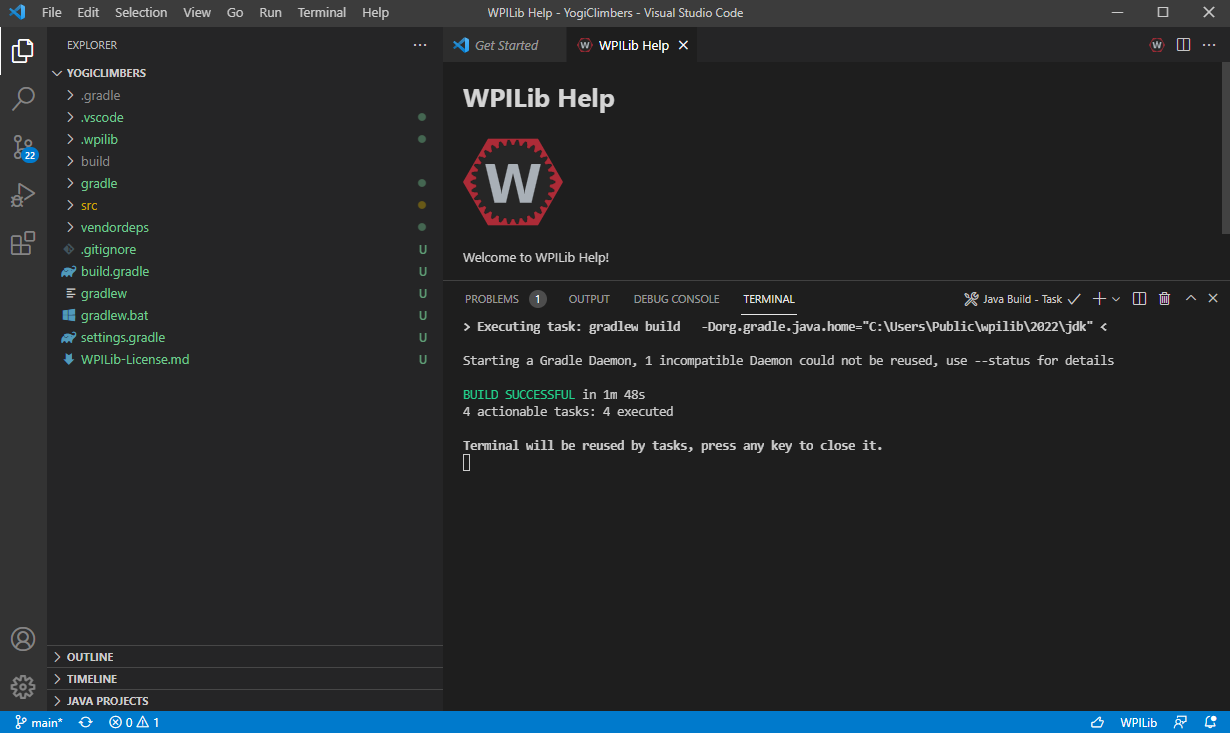
Description automatically generated

1. Click on ‘Yes’ to trust them

Text

Description automatically generated

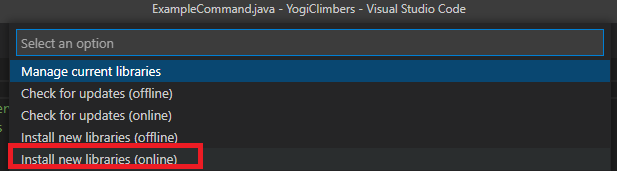
1. After you open you project it should look something like:



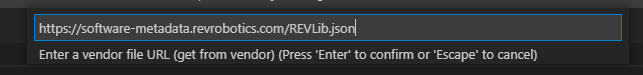
1. Add your vendor libraries (reference see: <https://docs.wpilib.org/en/stable/docs/software/vscode-overview/3rd-party-libraries.html#libraries>)

Graphical user interface

Description automatically generated with medium confidence



For REV …

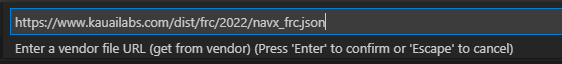


For CTRE/Phoenix …

Graphical user interface, text, application, email, website

Description automatically generated

For Navx …



Graphical user interface, text, application

Description automatically generated

You should have a project where everything builds! Something like:

Text

Description automatically generated

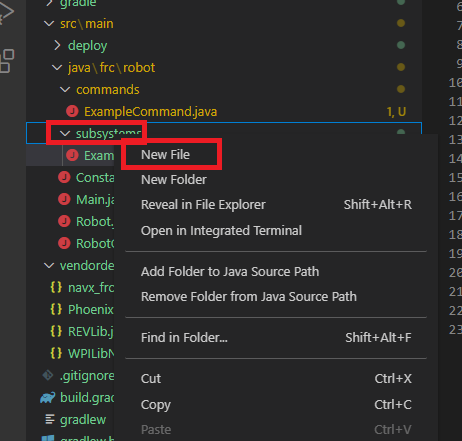
You should also see that vendor libs are now present:

Graphical user interface, text, application

Description automatically generated

Lets actually add some code next!

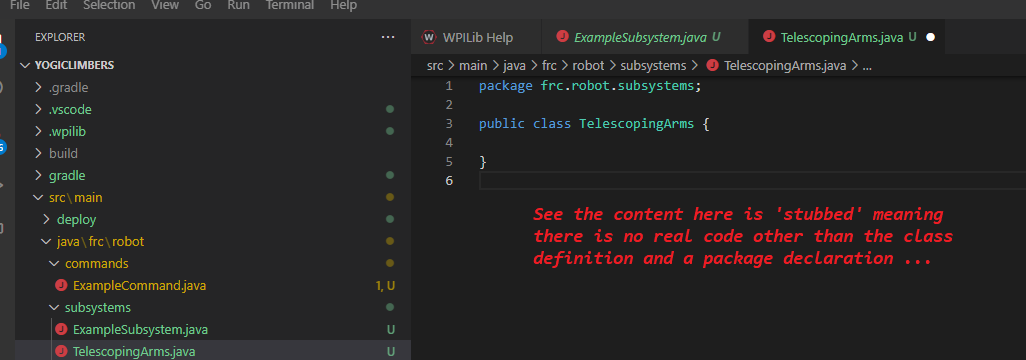
1. First add a subsystem (you could also choose to rename the ‘ExampleSubsystem.java’)



Graphical user interface, application

Description automatically generated with medium confidence

Your file should be a stub …



The next step is for you to add logic … expect this is where folks will have lots of freedom and will likely require help first time through …

1. Next add a command

Graphical user interface, application

Description automatically generated

Graphical user interface, website

Description automatically generated

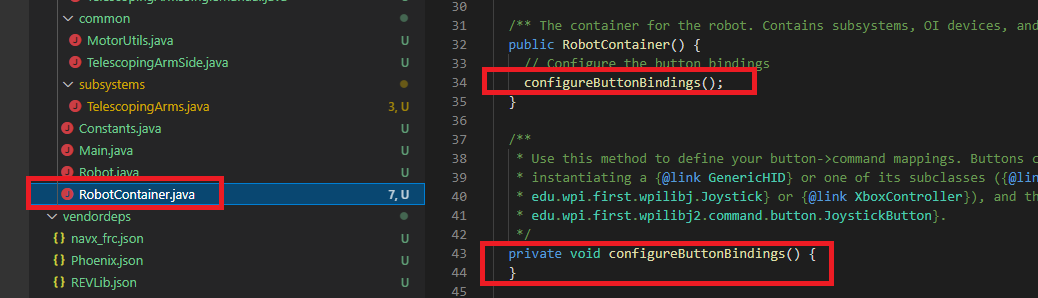
Again the file will be stubbed …

Text

Description automatically generated

The next step is for you to add logic … expect this is where folks will have lots of freedom and will likely require help first time through …

1. Next wire in the input – for the sake of this example that will happen in RobotContainer.java



The next step is for you to add logic … expect this is where folks will have lots of freedom and will likely require help first time through …