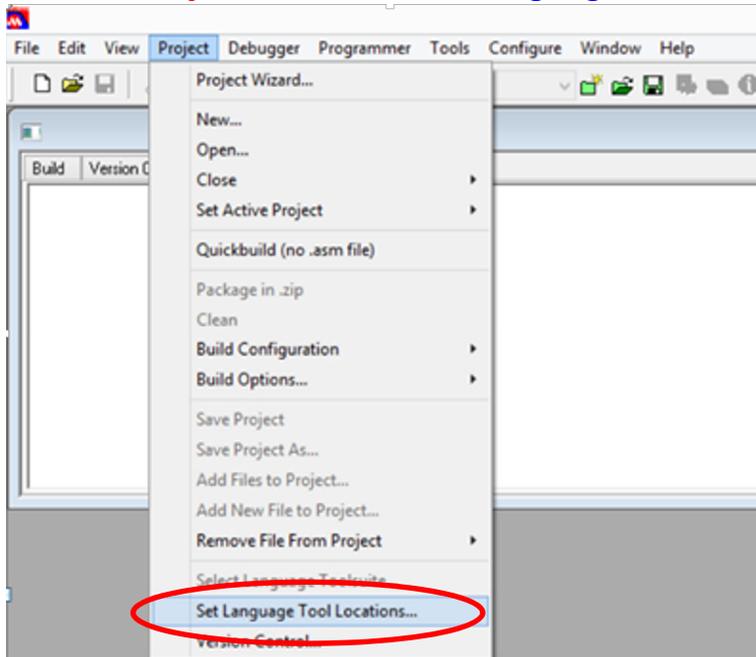


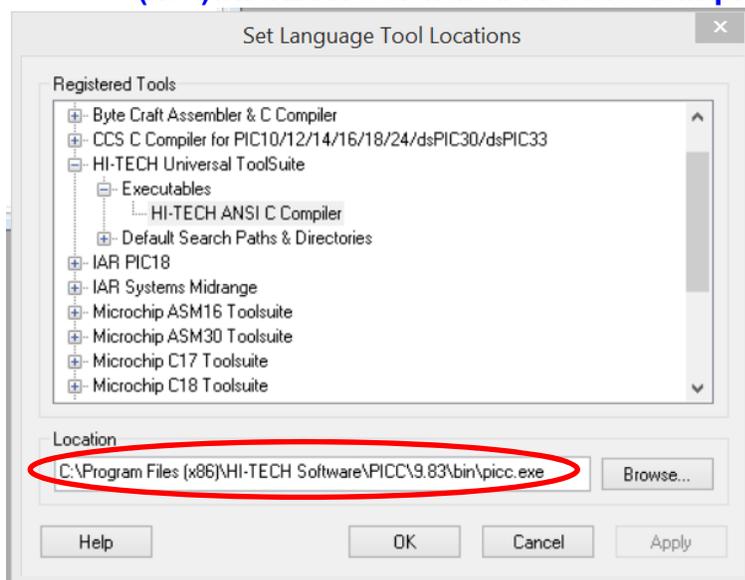
How to Resolve XC8 Issues

*** If you installed the XC8 and the compiler is not functional, follow the steps to resolve the issues***

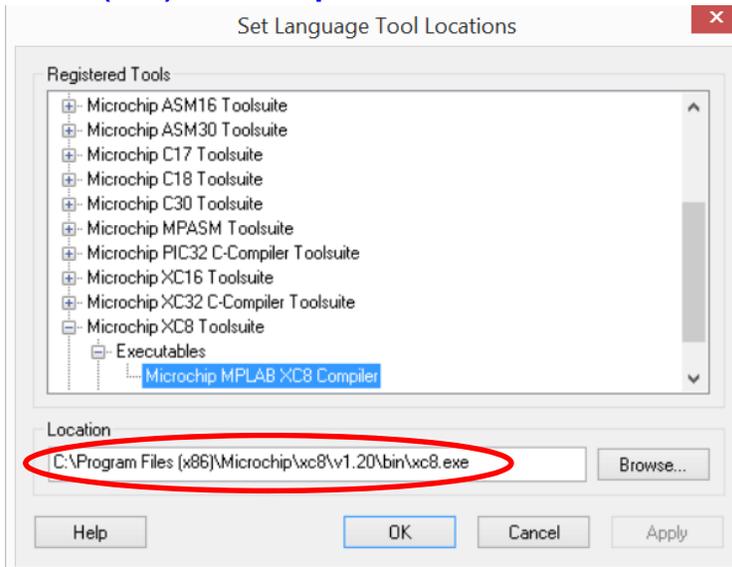
Note: 1. After your installations of HI-TECH C and XC8, you must check the followings before you use the C Compiler: Under the MPLAB, Select Project, Click on “Set Language Tool Locations...”



2. Make sure the HI-TECH C has the passes/linkage as “C:\Program Files (x86)\HI-TECH Software\PICC\9.83\bin\picc.exe”



3. Make sure the XC8 has the passes/linkage as “C:\Program Files (x86)\Microchip\ xc8\v1.20\bin\xc8.exe”



If you do not have these linkages with HI-TECH or XC8, it is the likely you must to set it up manually. Follow the following steps to complete the setup.

1. Click on the Windows on your right lower corner of the



desktop.

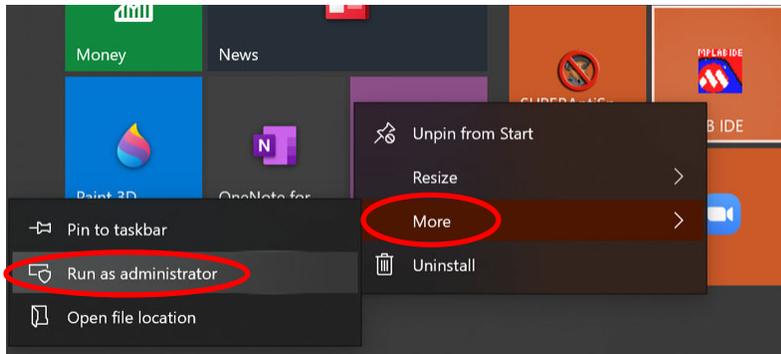
2. Search for MPLAB IDE

3. **Right Click** on MPLAB IDE

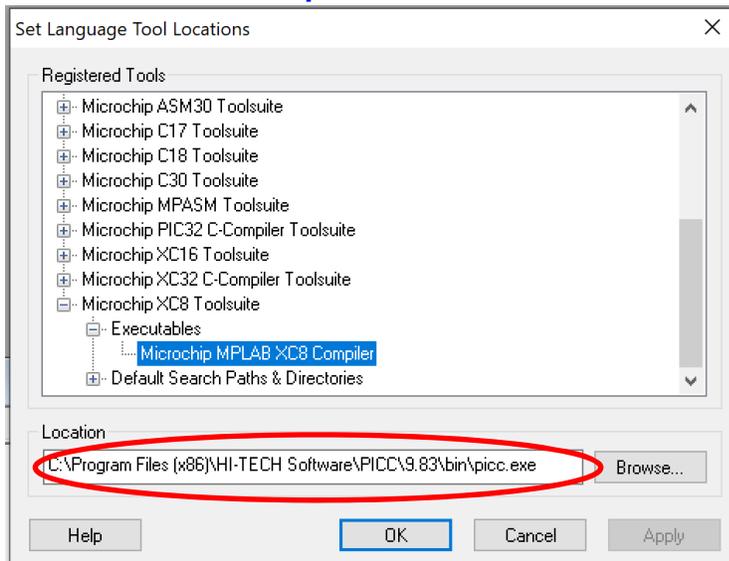


icon

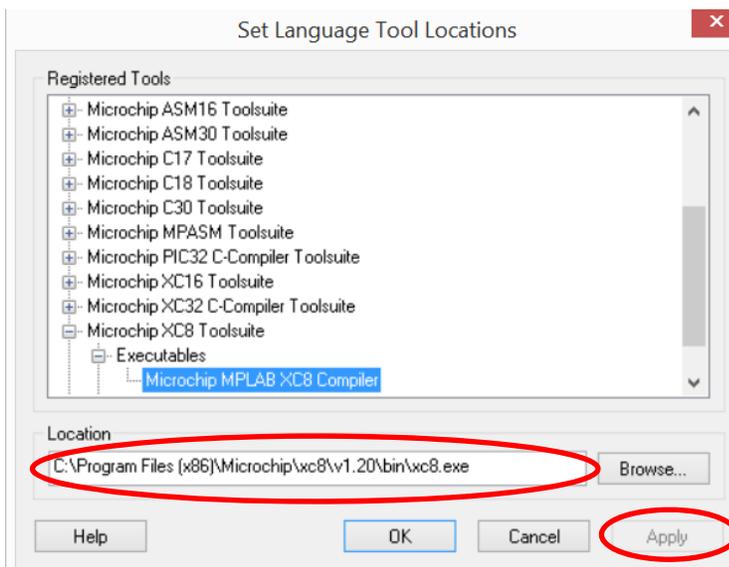
4. Click on More and Select “**Run as administrator**”



5. Under the MLAB, Select Project and Click on “**Set Language Tool Locations...**”, , Select “**microchip xc8 toolsuite**”, Select “**Executables**”, Click on “**Microchip MPLAB XC8 Compiler**”:



6. It is likely that the linkage is not set properly, so Click on Browse to the system drive C:\ and set the linkage as indicated below and Select **Apply**.



7. You will also need to check on the followings: Right Click on MPLAB and Select **More**, Click on “**Open file location**”, Select “**Shortcut**”, Click on “**Advance**”, Check on “**Run as Administrator**”, Click on Ok to complete:

Name	Date modified	Type	Size
Maestro	2/7/2021 12:34 PM	File folder	
Documentation	2/7/2021 12:34 PM	Shortcut	2 KB
MPASMWIN	2/7/2021 12:34 PM	Shortcut	3 KB
MPLAB IDE Help	2/7/2021 12:34 PM	Shortcut	2 KB
MPLAB IDE	2/7/2021 12:34 PM	Shortcut	3 KB
Setup MPLAB Tools			3 KB
Starter Kit Users Guide			2 KB
Visual Procmd			2 KB

MPLAB IDE Properties

Security Details Previous Versions
 General Shortcut Compatibility

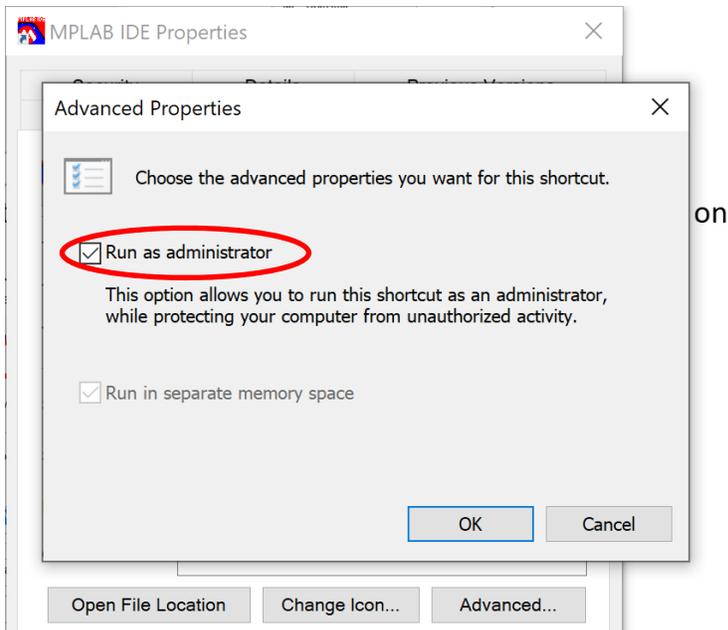
MPLAB IDE

Target type: Application
 Target location: Core
 Target: es (x86)\Microchip\MPLAB IDE\Core\MPLAB.exe

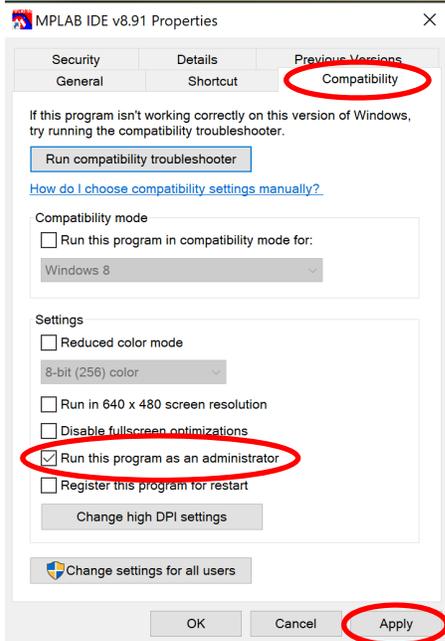
Start in: "C:\Program Files (x86)\Microchip\MPLAB IDE\Co
 Shortcut key: None
 Run: Normal window
 Comment:

Open File Location Change Icon... Advanced...

OK Cancel Apply



8. Select the **Compatibility** on the menu, Check on **“Run this program as administrator”**, then Click on **Apply**



9. If the XC8 compiler still presents an error message as cannot open or locate **“xc.h”**. Do the following: