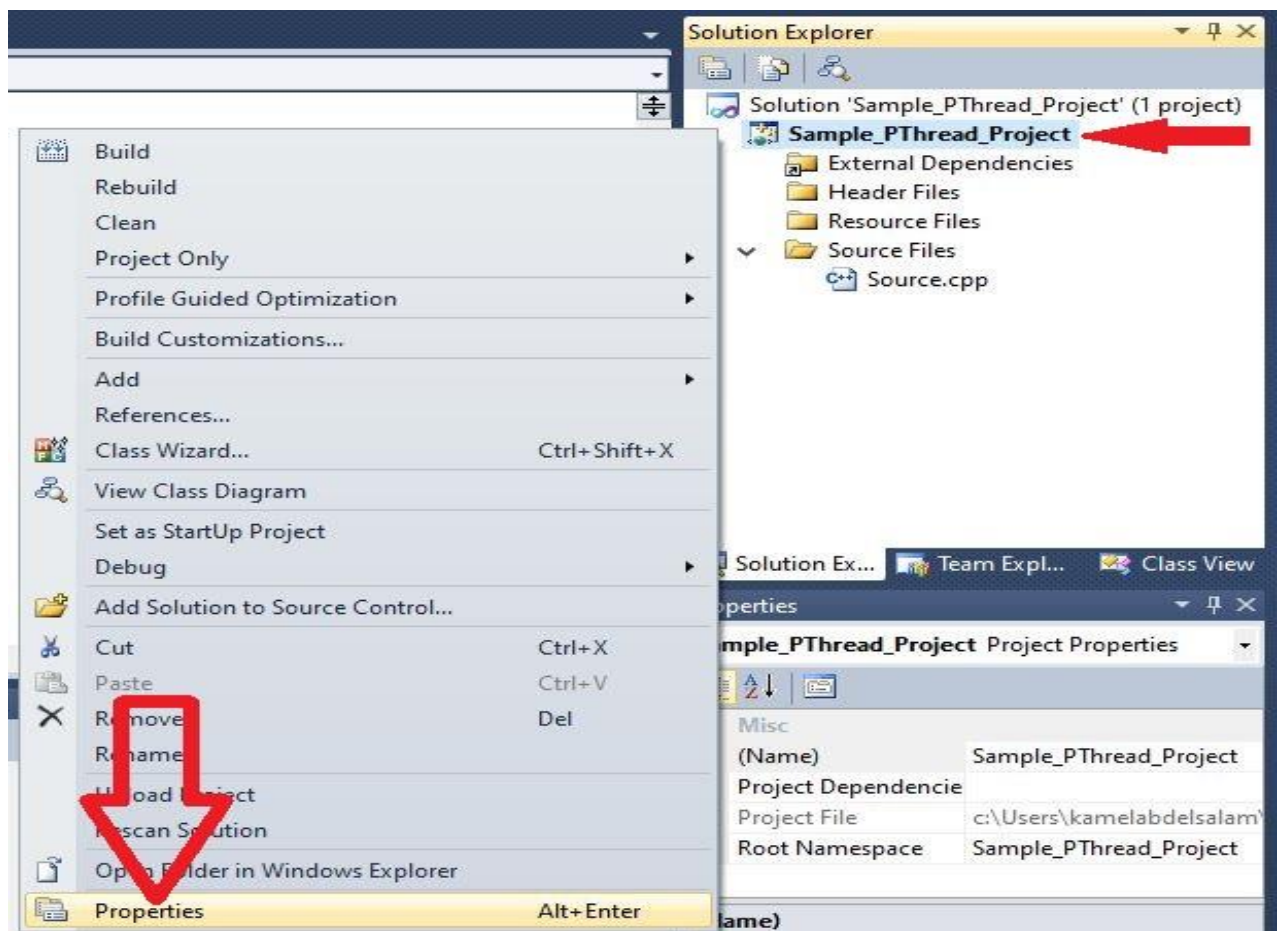






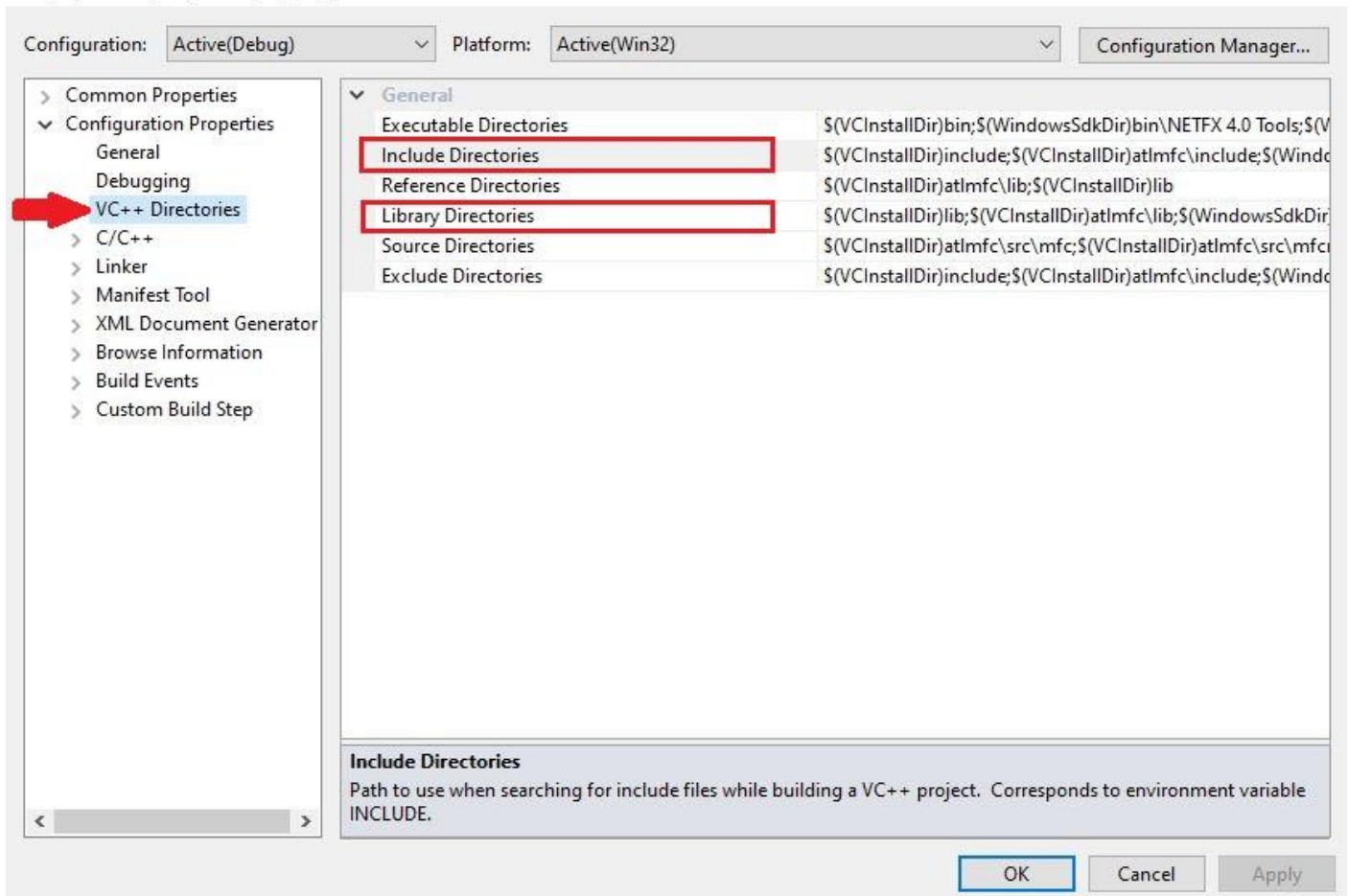


How to import "pthread.h" library in Microsoft Visual Studio

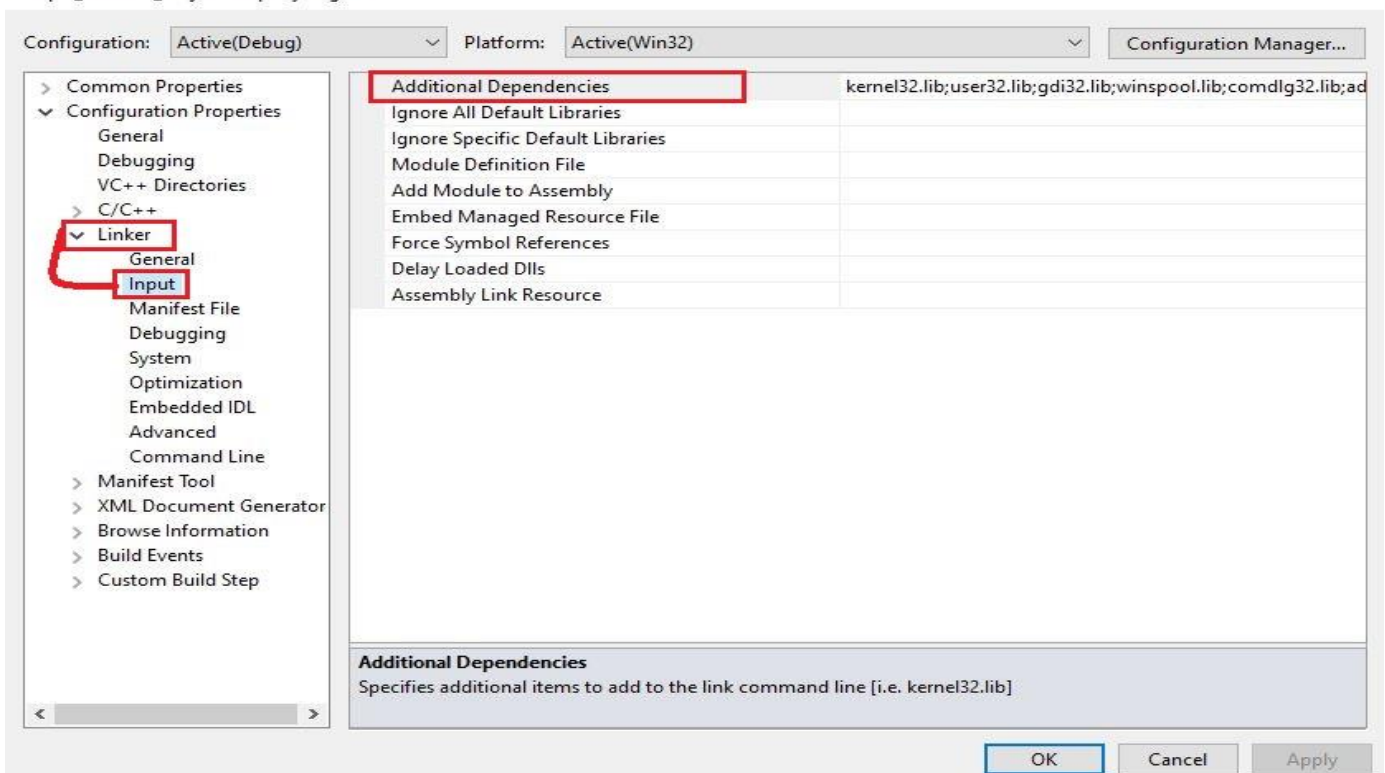
1. Go to <https://sourceware.org/pthreads-win32/> and click on <ftp://sourceware.org/pub/pthreads-win32> then download the *.zip file [pthread-w32-2-9-1-release](#).
2. Right click on the downloaded *.zip file and click Extract files.
Now you have a file called [pthread-w32-2-9-1-release](#) in a specific path on your PC (Let's call that path **pathToPthread** [Use the actual path in YOUR PC])
3. Create an **Empty project** on Visual Studio and then Right Click on the project name on the **Solution Explorer** Window.
4. Choose **Properties** from the window that appear.



5. Choose **VC++ Directories** from the menu to the left then:
 - i. Press the arrow  in the **Include Directories** row then press **<Edit...>** press the the yellow folder button  and then the three dots button  to browse your PC to the path **pathToPthread\pthread-w32-2-9-1-release\Pre-built.2\include** press **Select Folder** Then **Ok**
 - ii. Press the arrow  in the **Library Directories** row then press **<Edit...>** press the the yellow folder button  and then the three dots button  to browse your PC to the path **pathToPthread\pthread-w32-2-9-1-release\Pre-built.2\lib\x86** press **Select Folder** Then **Ok**



- Choose **Input** in **Linker** section from the menu to the left then:
Press the arrow ☐ in the **Additional Dependencies** row then press **<Edit...>**
print the path to the *.lib file **pthreadVC2.lib**
pathToPthread \pthreads-w32-2-9-1-release\Pre-built.2\lib\x86\pthreadVC2.lib
Press **Ok**.



7. Go to `pathToPthread\pthreads-w32-2-9-1-release\Pre-built.2\dll\x86` and **copy ALL** the *.dll files in this folder and then **paste** them in `C:\Windows\SysWOW64`

Now you can import the PThread library using the command `#include<pthread.h>` inside the *.cpp file containing your multi-threading code in your project.

REF: <https://www.youtube.com/watch?v=4GdTcgE0iig>