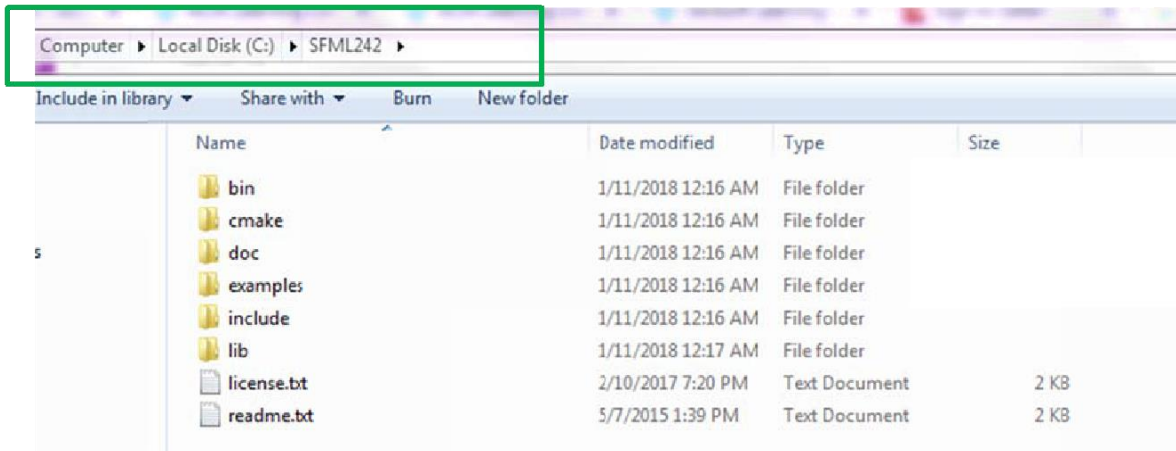# SFML INTEGRATION with CODE::BLOCK
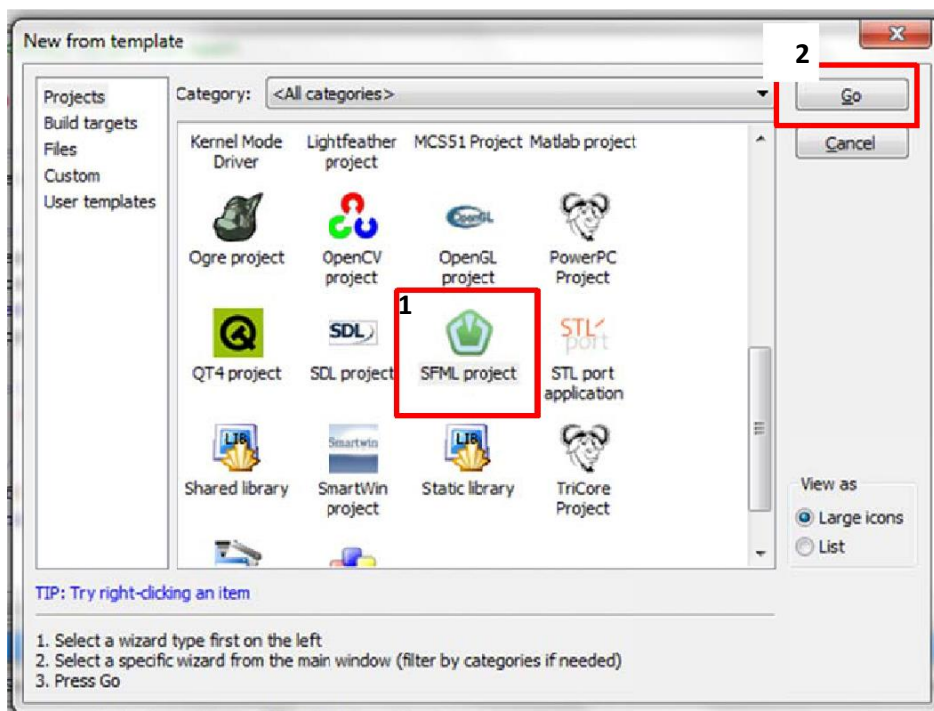
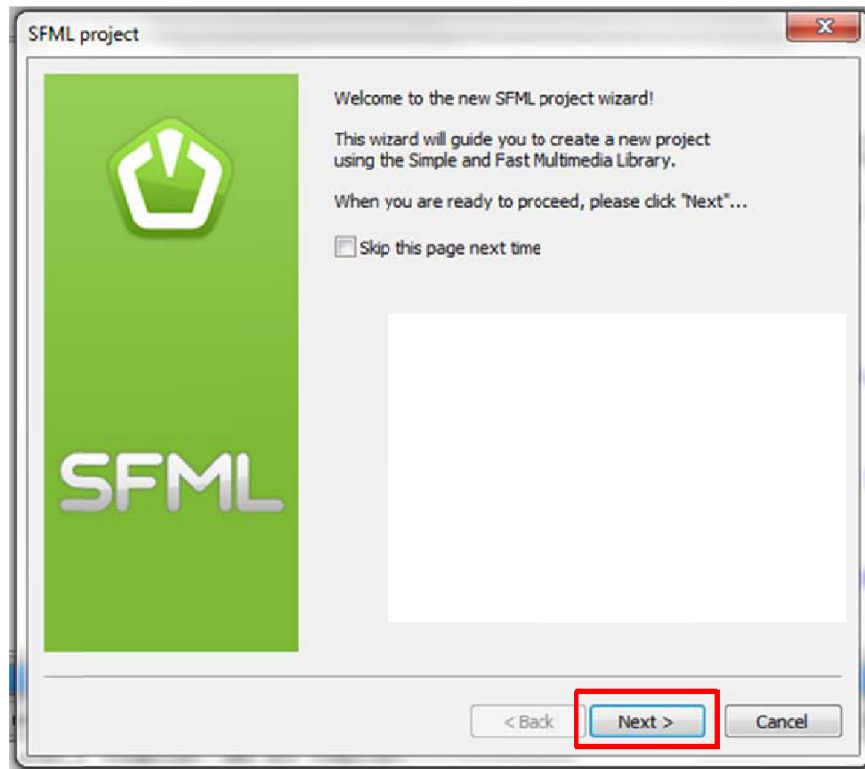**NOTE: Following step work with all the WINDOW platforms including WIN 7, 8.1, and 10.**

Steps:

1. Download and install **code blocks-16.01 mingw-setup.exe**.
2. Download **SFML-2.4.2-windows-gcc-4.9.2-tdm-32-bit.zip**.
   (Download Link: https://www.sfml-dev.org/download/sfml/2.4.2/)
3. Extract the zip file and rename the folder as SFML242.
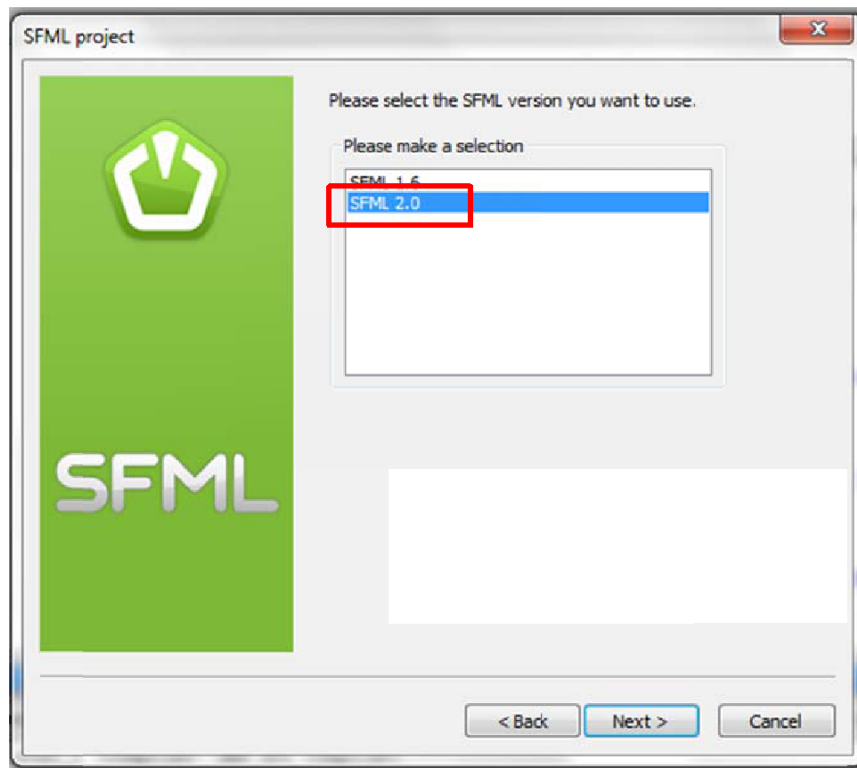4. Copy SFML242 into C Drive.

5. Open Code::Blocks 16.01. Create new project. **File -> New -> Project ...**
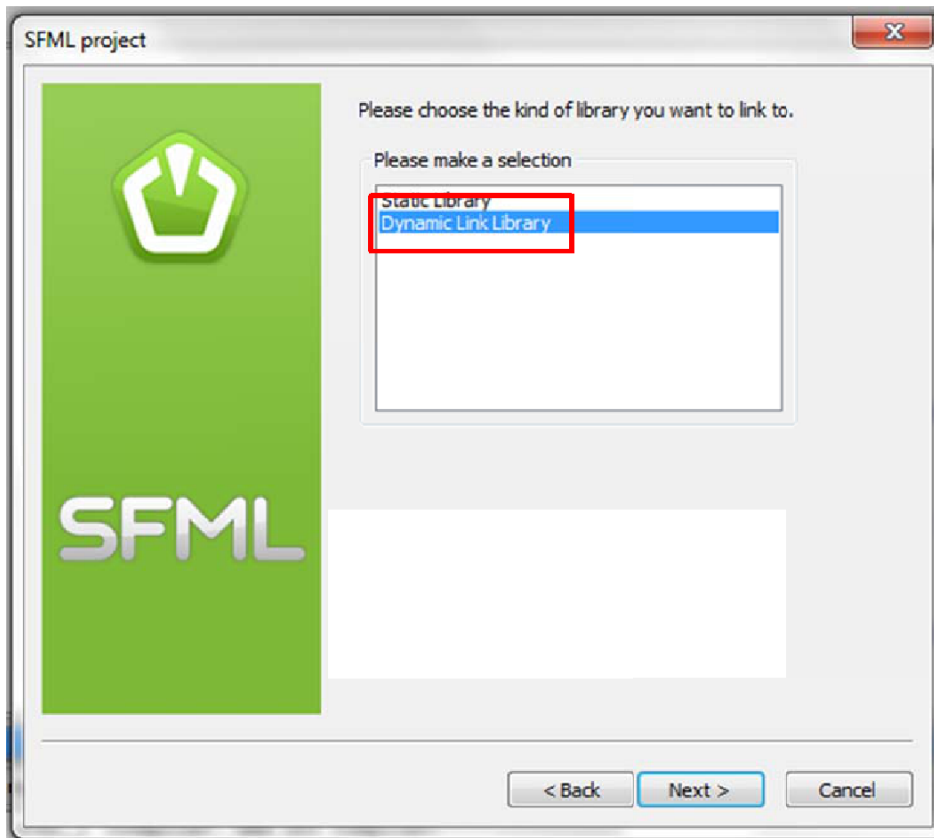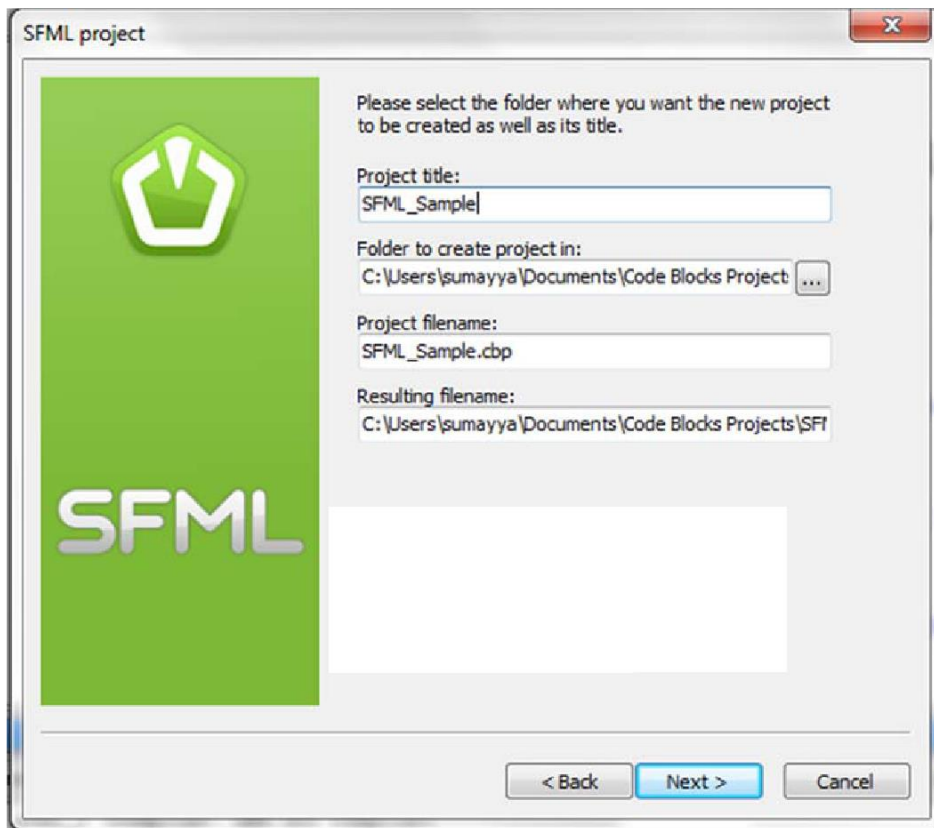6. Select **SFML project**. Press Go.

7. Press Next

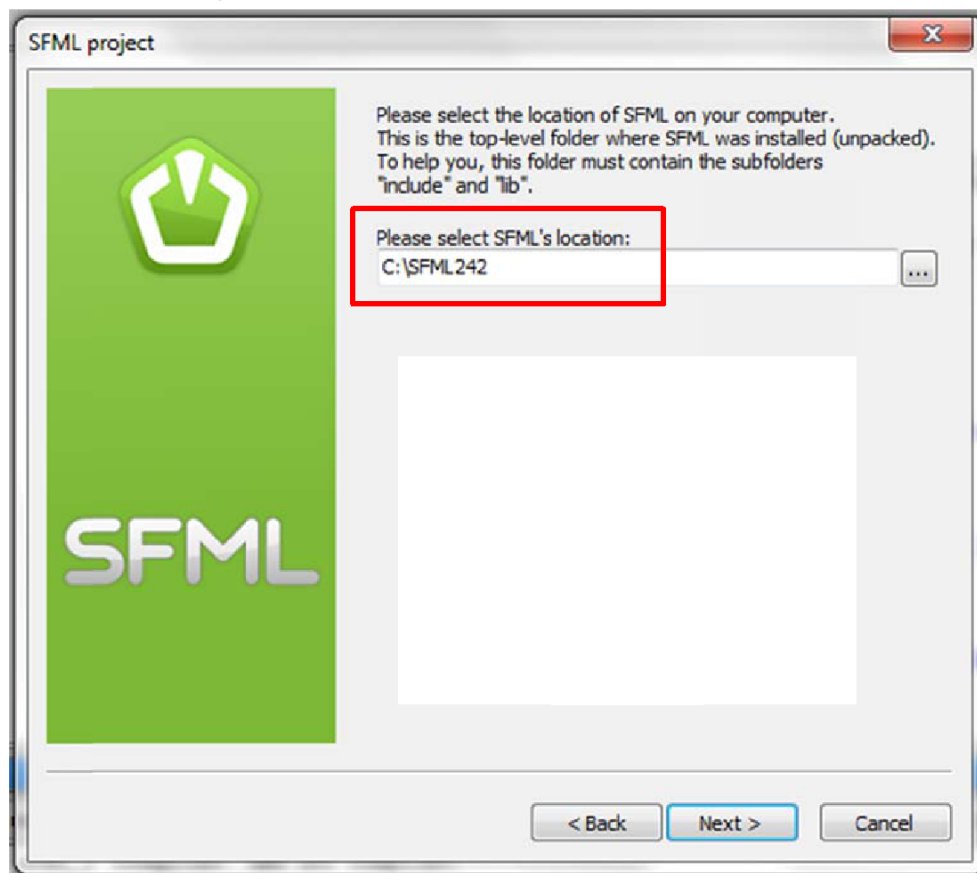

8. S elect **SFML2. 0.** Press Next

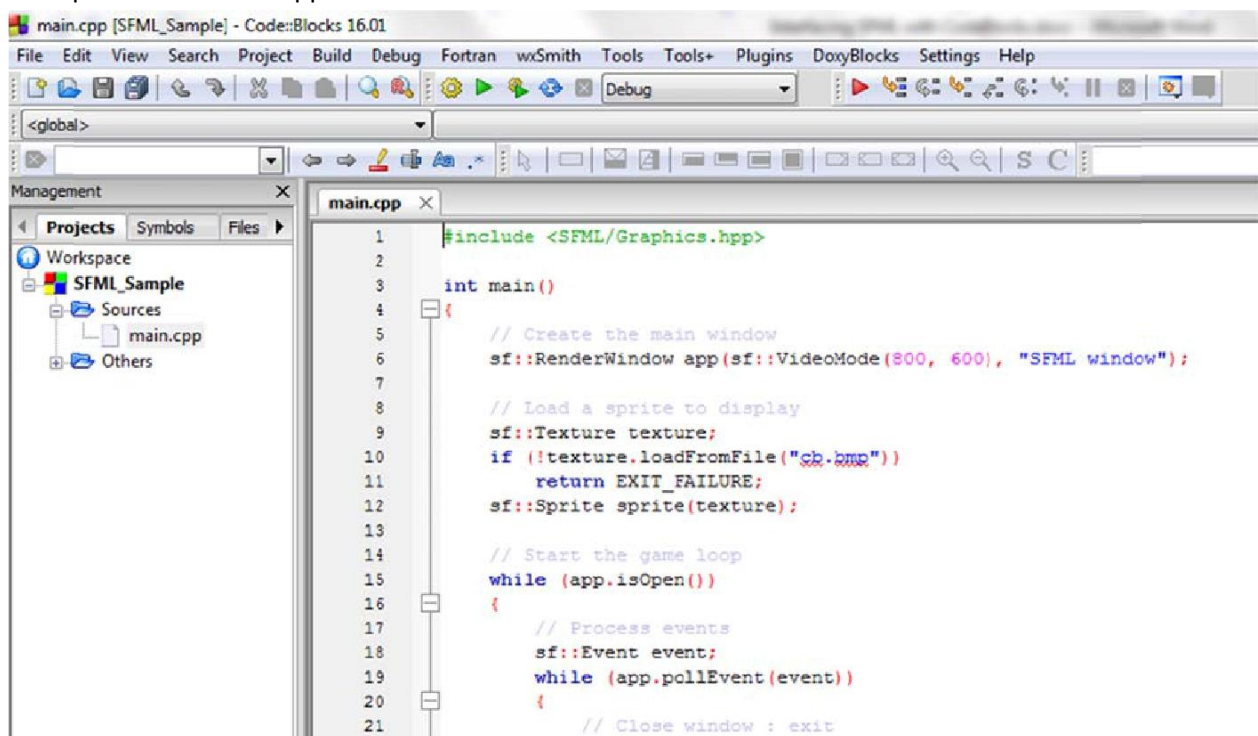9. Select **Dynamic Link Library**. Press Next

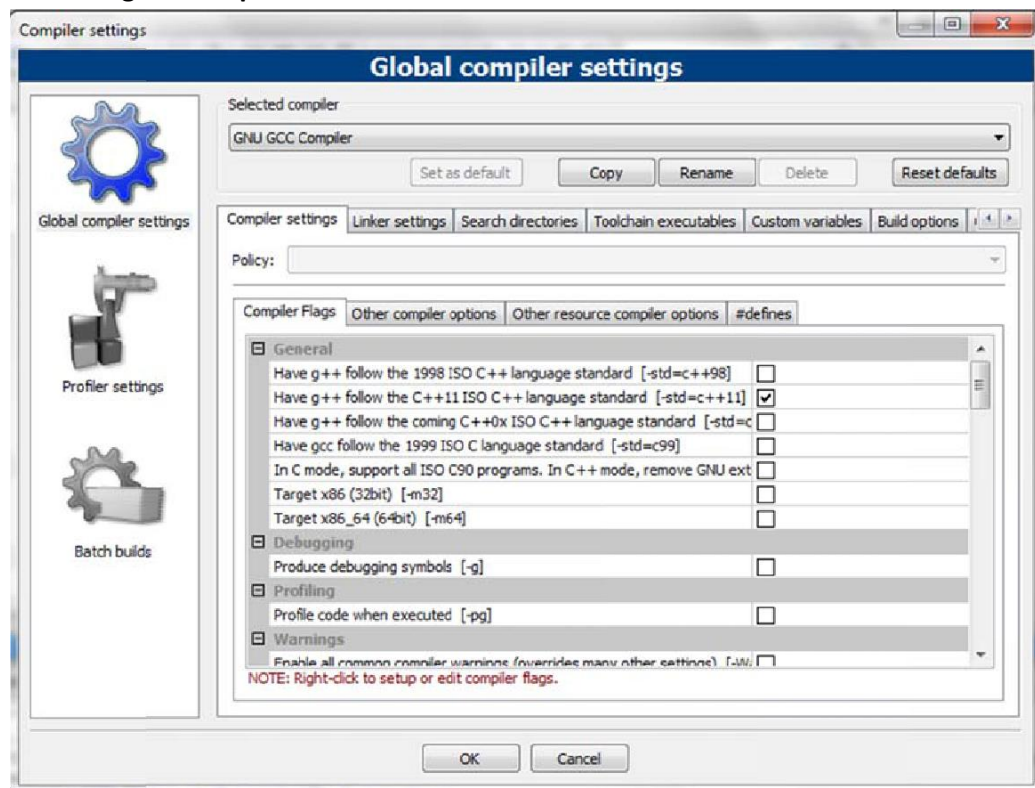10. Give project title such **SFML_Sample.** Press Next

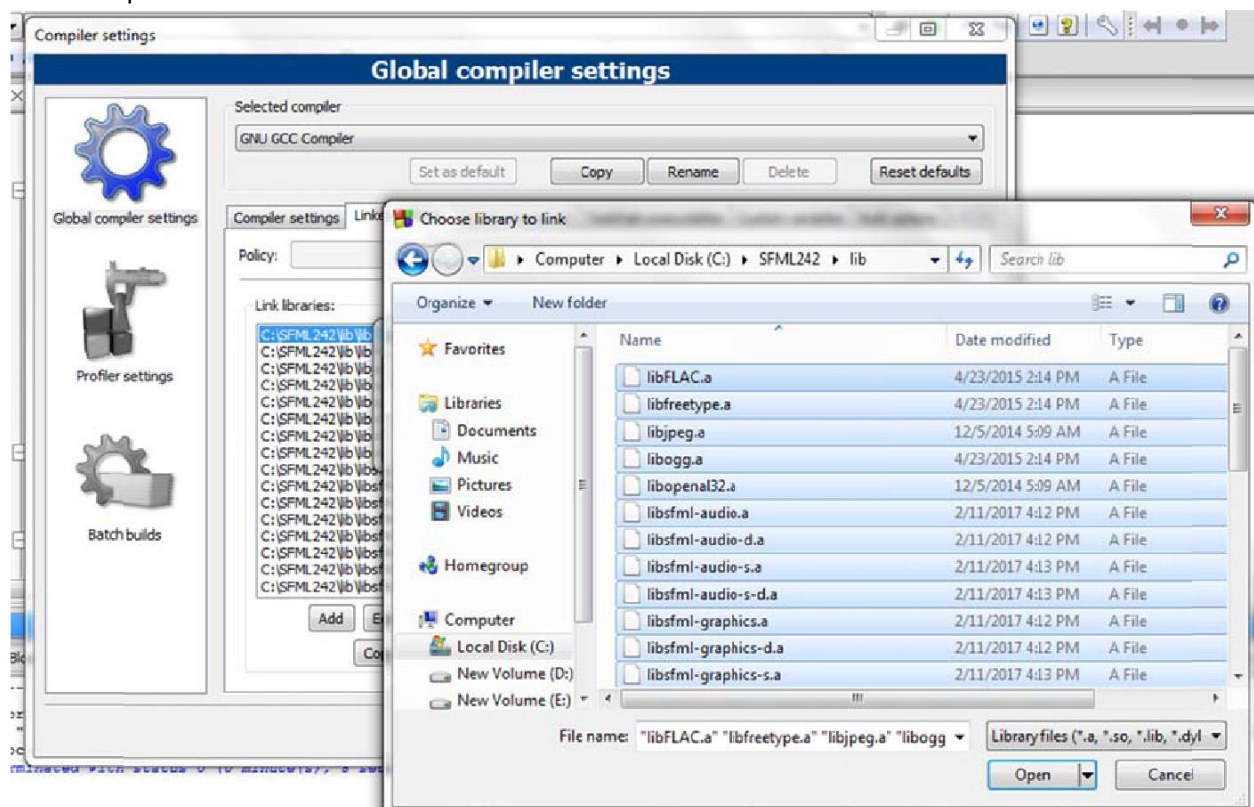11. Give path of SFML i.e. **C:\SFML242.** Press Next. Press Finish.
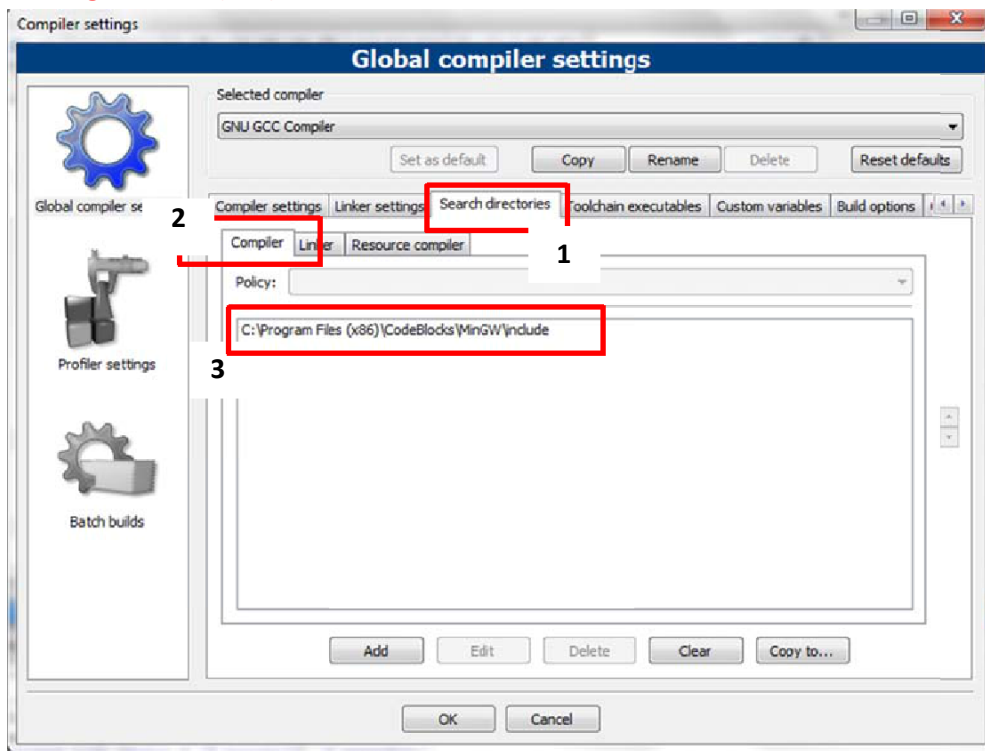

12. Open the file main.cpp.
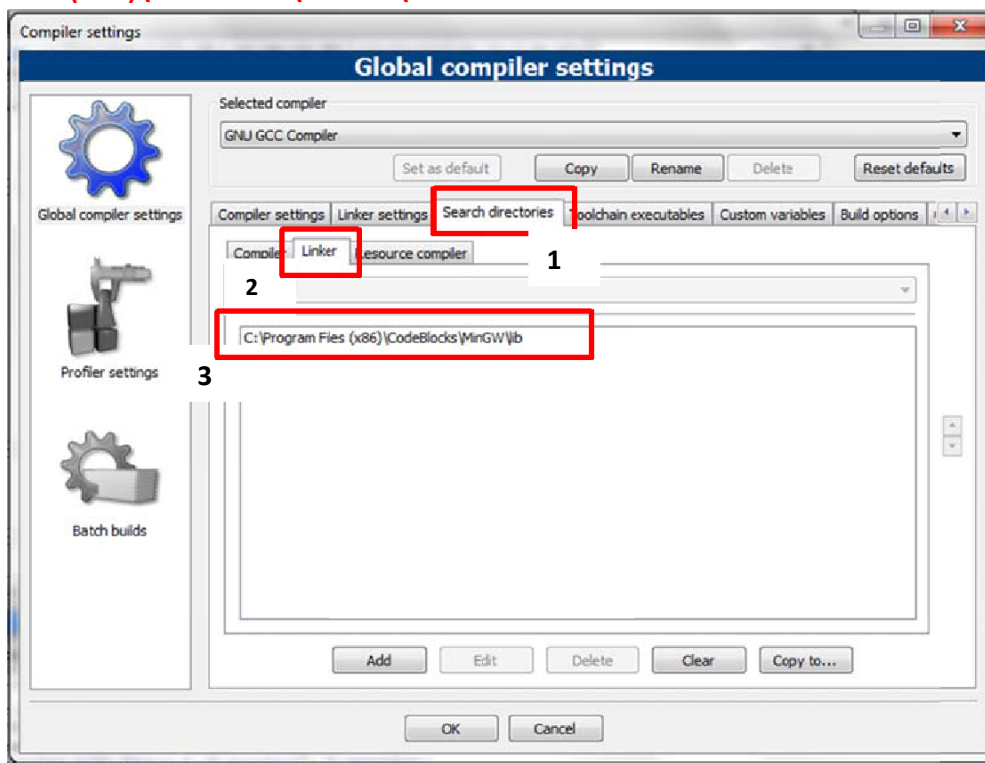
13. Go to **Settings -> Compiler ...**

14. Select **Linker settings**. In Link libraries, click Add and select all the files in **C:\SFML242\lib.** Press Open and click Ok.
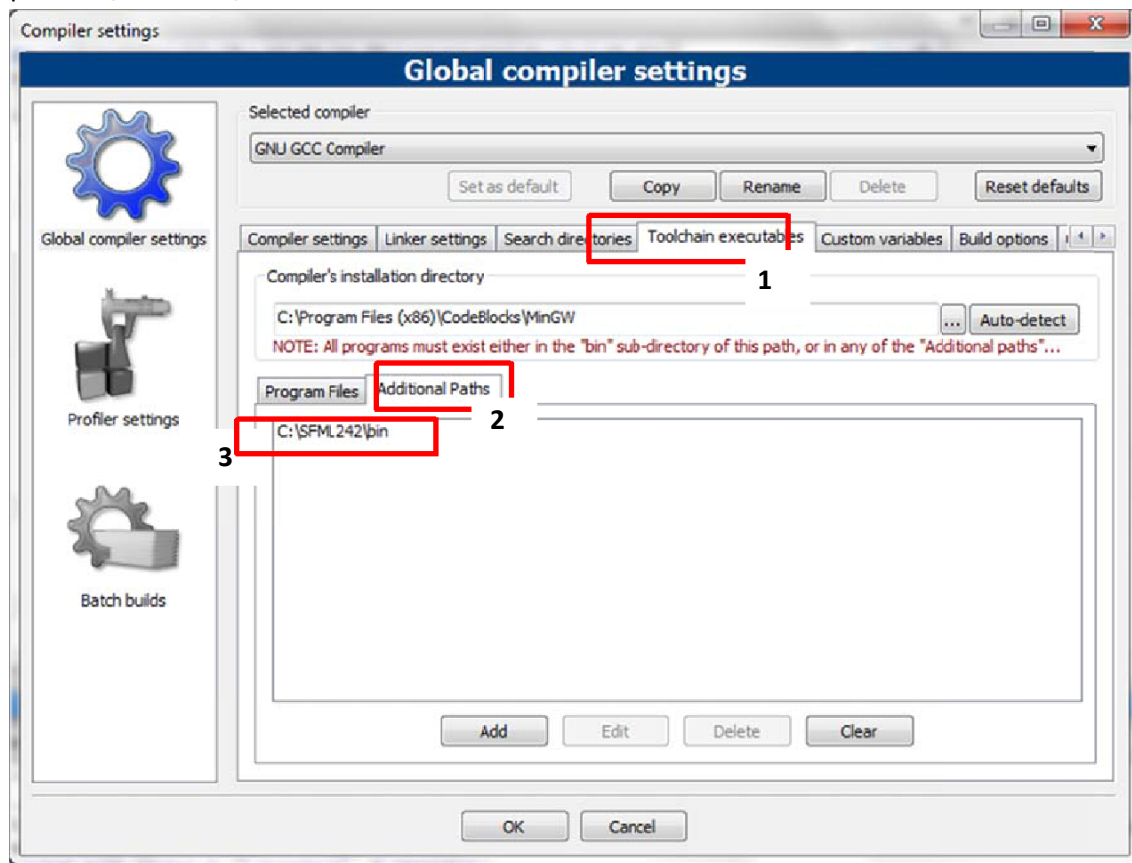
15. Next go to Search directories. Select **Compiler**. Click Add and give the following path:
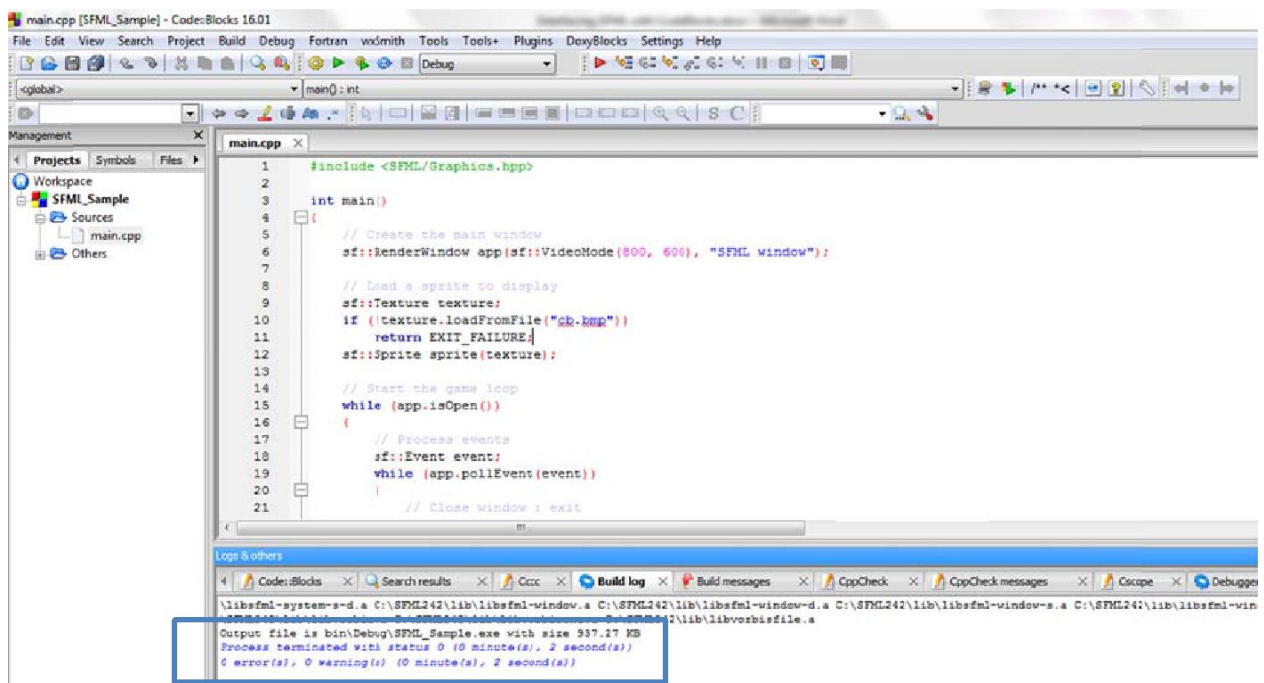**C:\Program Files (x86)\CodeBlocks\MinGW\include**

16. Stay on Search directories. Select **Linker**. Click Add a nd give the fo llowing path: **C:\Program Files (x 86)\CodeBlocks\MinGW\lib**
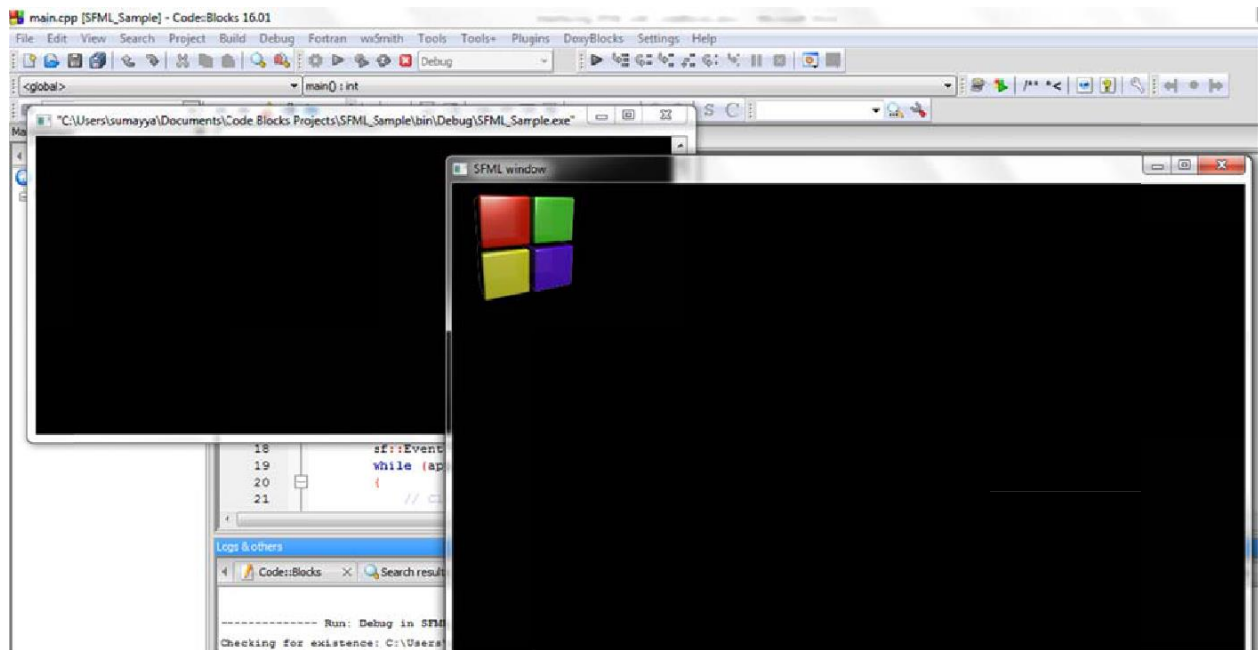
17. Then select Toolchain exec utables. Additional Paths. Click Add and give the following path: **C:\SFML242\bin.** Press Ok

18. Click Build -> Build. No Build Errors will be found.

19. Press Run. Program will run successfully.

The End