Event Handbook

Setting up VS Code for C++ environment

1. Go to https://nuwen.net/mingw.html
2. Download mingw-17.1-without-git.exe
3. Extract to C drive root
4. Go to https://code.visualstudio.com
5. Download and Install VS Code
6. Go to Windows search box and type 'env'
7. Click on 'Edit the system variables'
8. Click on 'Environment Variables'
9. Select 'Path' under 'User Variables' and click on edit button
10. Click on 'New' button and Enter 'C:\MinGW\bin' in the box
11. Click 'Ok' and do the same for 'System Variables'
12. Press Windows + R and type 'cmd' and press Enter
13. Type 'g++ --version' if it mentions any GCC version then compiler installation is successful
14. Open VS Code and go to 'Extension Manager' on the left sidebar
15. Install 'C/C++' and 'Code Runner'
16. Now go to File>Preferences>Settings
17. In the search bar type 'run code'
18. Click on 'Edit in settings.json'
19. In between lines insert "code-runner.terminalRoot": "/"
20. Press Ctrl+S and make sure the json formatting is valid

Shoaib Ahmed
Beta Student Ambassador, Microsoft
Ahsanullah University of Science and Technology