1. Download MinGW and install
2. In installation folder of MinGW add bin path to environment variables
3. Install VScode and make sure to check all the check boxes during installation process.
4. Make a folder anywhere and right click on the folder and select open with VScode.
5. On the left side bar click on the extension tab and search for “C/C++”.
6. Install the extension ( the one from Microsoft ).
7. Again search “code runner” and install it ( the one from Jun Han ).
8. Close Vscode and open it again from the same folder by right clicking and select open with Vscode.
9. Now make a new file (.cpp) , and some code ( Hello world ).
10. Now press **ctrl + shift + p** simultaneously, and type “C/C++: Edit Configurations (UI)” , hit enter.
11. Now copy the compiler path from the MinGW installation folder ( similar to - C:/Program Files/mingw-w64/x86\_64-8.1.0-posix-seh-rt\_v6-rev0/mingw64/bin/g++.exe )
12. Scroll down to **IntelliSense mode** and select **windows-gcc-x64.**
13. Now select your .cpp file and press **ctrl + f5** and select C++ (GDB/LLDB) and select the compiler path (g++.exe).
14. A **launch.json** file will open , now find **externalConsole** and set the value to **true**.
15. Again select the .cpp file and press **ctrl + f5.** (This will run your program in an external console).