

# Installation of Visual Studio Code for C/C++ and Java

## Completely Uninstall old Version(s) and/or Reset Settings

- Uninstall *VS Code program* via Apps & Features
- Remove all VS Code configuration data (see below)
- Can also be used to **reset configuration** without uninstalling the program
- The folder locations will vary depending on your platform:
  - type `echo %APPDATA%` and `echo %USERPROFILE%` in cmd to get paths
  - **Windows** - Delete `%APPDATA%\Code` and `%USERPROFILE%\\.vscode`
  - **macOS** - Delete `$HOME/Library/Application Support/Code` and `~/.vscode`.
  - **Linux** - Delete `$HOME/.config/Code` and `~/.vscode`.

## Install VS Code

Assumes MinGW C++ is installed

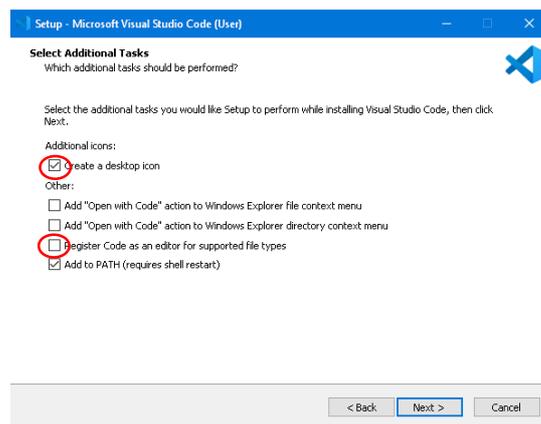
<https://code.visualstudio.com/docs/cpp/config-mingw>

Get User Installer from Web site

<https://code.visualstudio.com/>



## Download and Install with Defaults (or below settings)



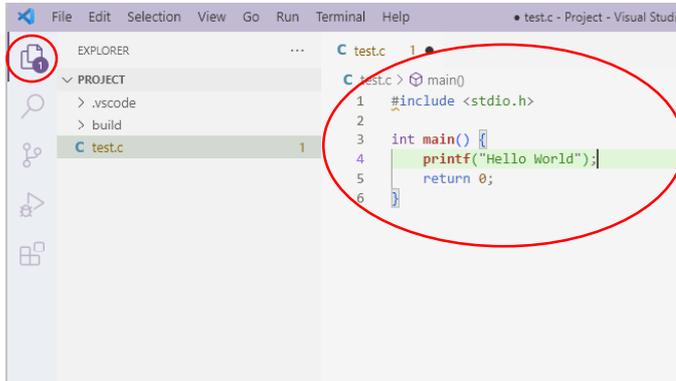
Create a new project Folder and a new `test.c` File

Navigate into that new directory via cmd/powershell and type: `code .`

```
C:\WINDOWS\system32\cmd.exe
C:\Tmp\Project>touch test.c
C:\Tmp\Project>code .
```

write test.c in VSC

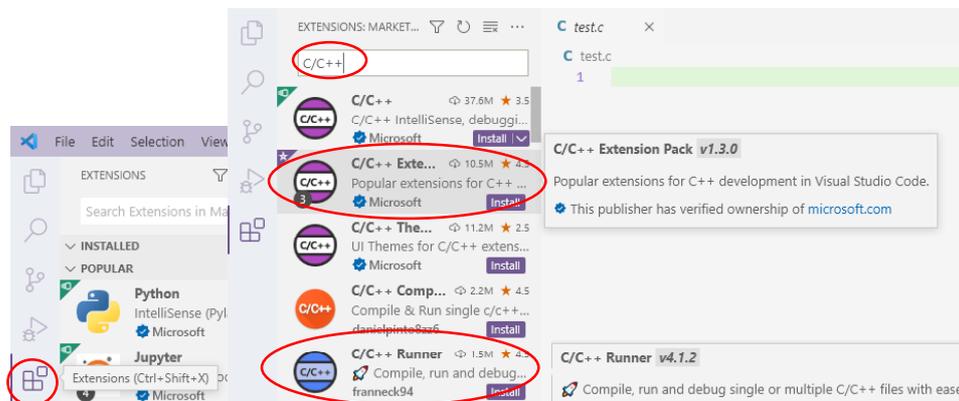
If file does show, switch to File View



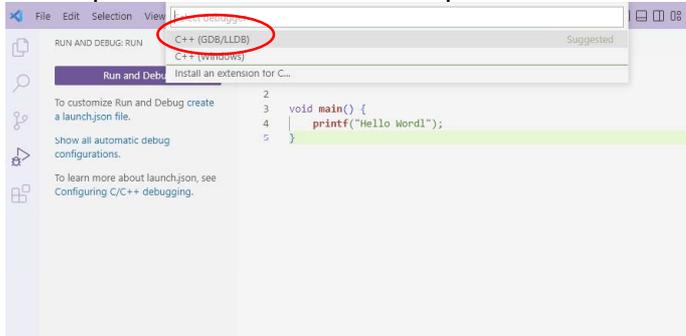
### Install Extensions

Install C/C++ Extension Pack v1.3.0 (or last stable version)

Install C/C++ Runner v4.1.2 (or last stable version)



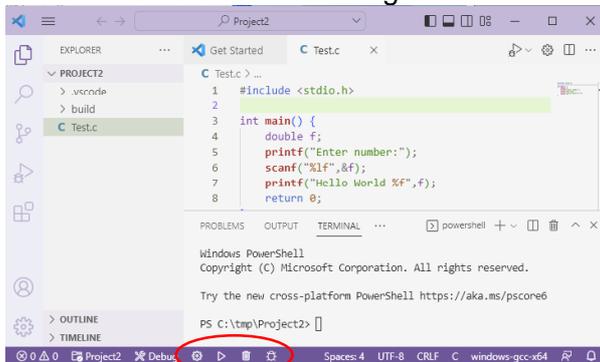
If multiple Versions of C/C++ compilers are installed choose GDB/LLDB



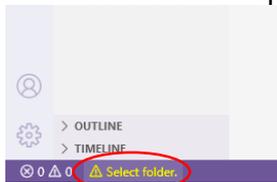
## Compile & Run

To compile it left click on the gear icon **at the bottom**

To run it left click on the triangle icon **at the bottom**



If "selected folder" appears: left click and choose folder



## Format Code

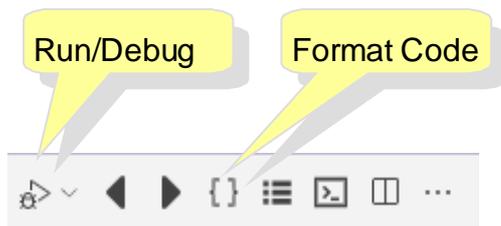
Press **shift alt F**

## Later: Install Java Support

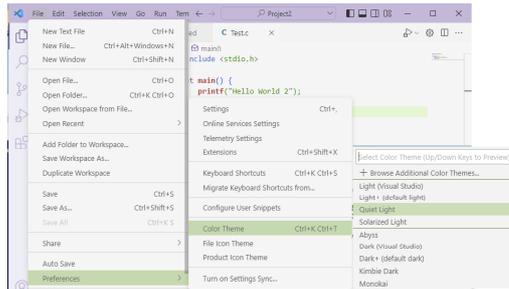


<https://marketplace.visualstudio.com/items?itemName=vscjava.vscode-java-pack>

## Optional: Install Shortcut Menubar Extension



## Optional: Change Color Scheme to "Quiet Light"



## Optional: Adjust Formatting Rules of Code

File > Preferences > Settings → Extensions → C/C++

