# Setting VS Code

<https://www.youtube.com/watch?v=DIw02CaEusY>

## Steps

Shortcut: Ctrl + Shift + P

C/C++:Edit Configurations(JSON) – opens **c\_cpp\_properties.json**

Tasks: Configure Task – opens **tasks.json**

* create tasks.json file from template
* -> Others
* -> this will create a default task.json file. In this file,
* -> **label** – names the task, **command** – type the command to execute the file created

Press **Ctrl + Shift + B** to build the program.

-> this will generate the **executable** file for the selected cpp file.

## Debugging

For debugging, go to Debugger tab(on left side bar)

-> Press “run” button,

-> then select “C++(GDB/LLDB)” option

-> this will create the **launch.json** file inside **.vscode** directory

-> in launch.json, set value of “miDebuggerPath” to bin folder of the mingw directory path.

-> Also, add a field “preLaunchTask”, and set its value same as the “label” in tasks.json

-> And in the “program” field, set its value as “${workspaceFolder}/<executable\_file\_name>.exe

## Using Git on VS Code

<https://www.youtube.com/watch?v=Fk12ELJ9Bww>

1. Install git on the system
2. Create account on github
3. Create a repository github and copy URL
4. Go to VS Code
5. Go to settings and check git is enabled(Search: “git enabled”)
6. Go to Source Control icon, and select “Initialize Repository”
7. Give commit message and commit the changes
8. Add remote repo (GitHub repository link) -> (Ctrl+Shift+P) -> Search(Git: Add Remote) -> paste the repo link or authorise VSCode to access GitHub account
9. Push committed changes to GitHub repository. ??(Is commit not the last step? –

$ git push vscode master

<remote\_name> <branch\_name>