SETTING UP C++ ENVIORNMENT FOR LINUX

There are many IDE's that are available for coding in C++.
Personally I use **Sublime text editor** for my C++ coding. There are many reasons that why I prefer Sublime text over other IDE's.

Reasons:

1. It is very fast.
2. Really Good Syntax Highlighting
3. It takes no time to open up :P
4. Very good Indentation
5. Auto complete feature is very good.

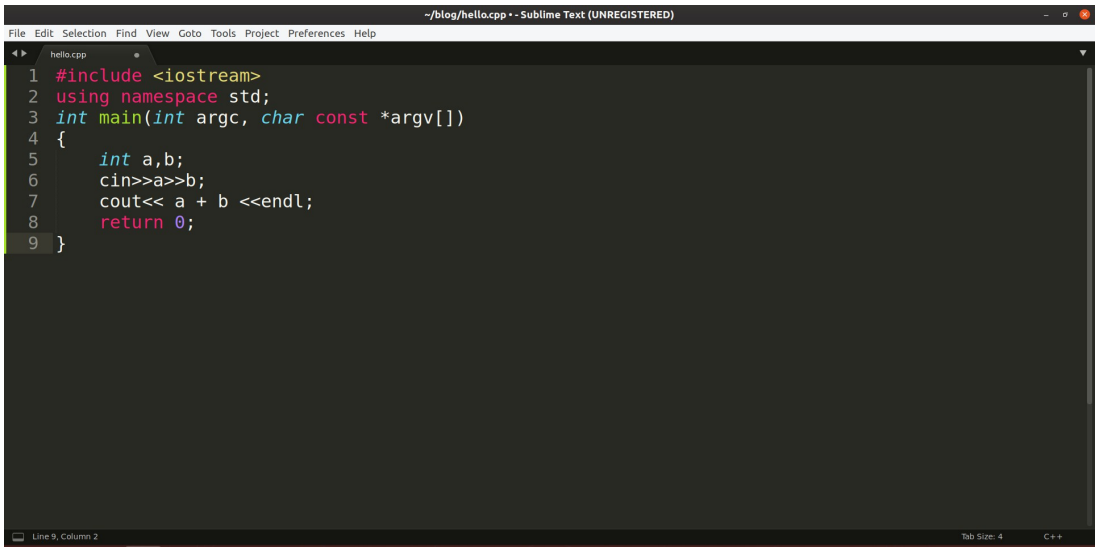
So now lets get started.....

STEPS (Linux):

1. Open up your terminal (ctrl+alt+T) and type "sudo apt-get install g++". This is to install our g++ compiler for compiling the code.

2.You can refer sublime text website **https://www.sublimetext.com/** to install sublime text editor.

3. Now open Sublime text and start writing some c++ code.



4. Now go to Tools->Build System->New build system. This opens up a fle with extension .sublime.build .

5. Now delete the default code and paste this one:

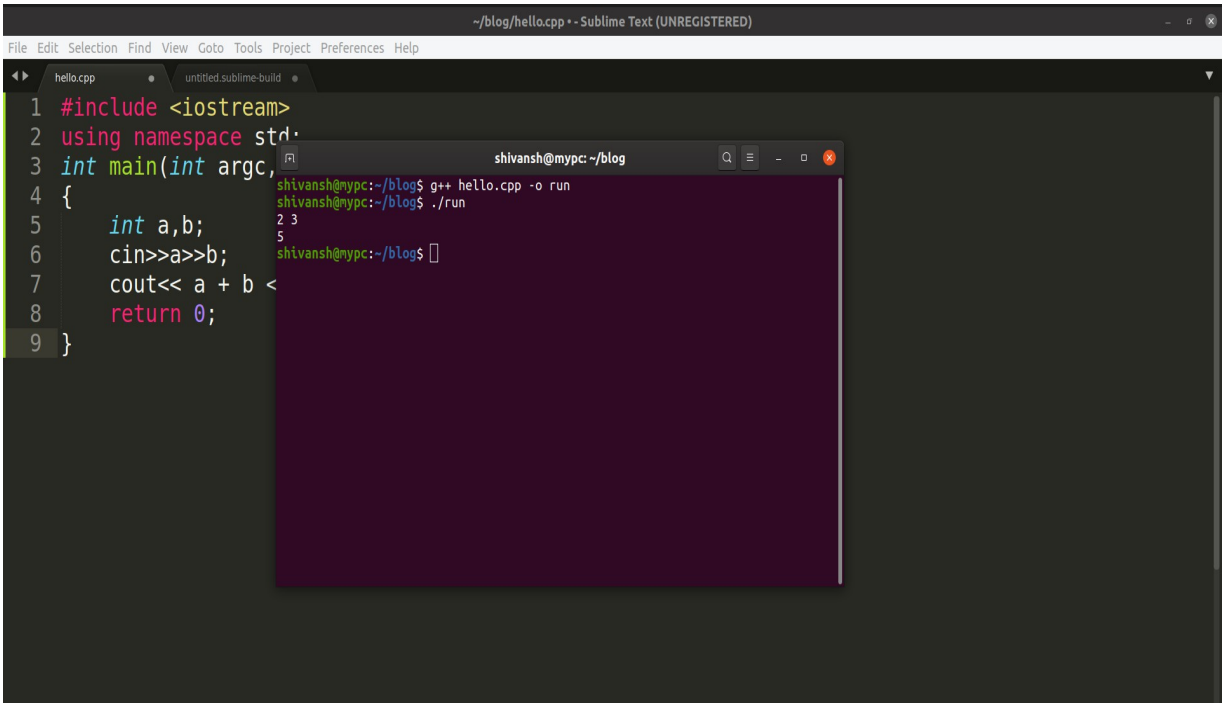
```
"cmd": ["g++.exe","-std=c++17", "${file}", "-o", "${file_base_name}.exe", "&&"
, "${file_base_name}.exe<inputf.in>outputf.in"],
"shell":true,
"working_dir":"$file_path",
"selector":"source.cpp"
}
```

6. Now save the file and close it.

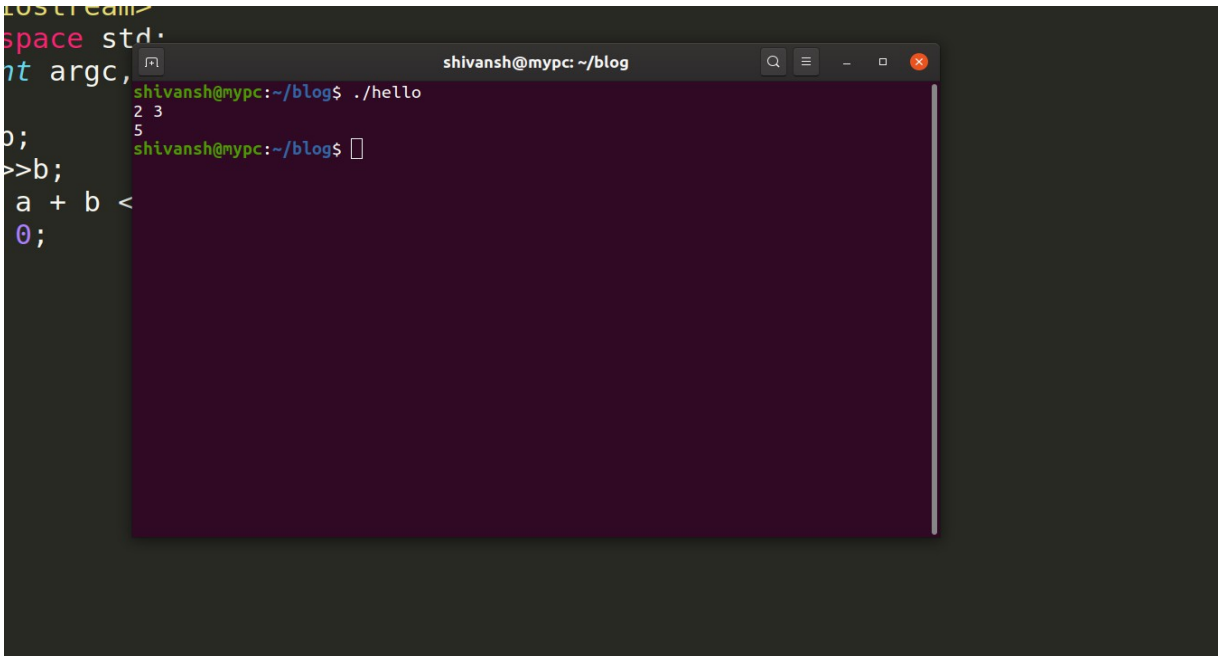
7. Now again go to Tools->build system and there mark the file name you have saved just now.

8. Now to compile the code press “Ctrl+B”.

9. If you want to build and compile the code in Terminal type “g++ file-name.cpp -o run” . Hit enter. Then type “./run” and hit enter.



10.To run the code open Terminal and goto the directory where the file has been saved. Now press “./file-name” and hit Enter.



Now you can take input and get output on the Terminal:)

Now you are ready to learn C++.