Text Editor/ IDE Options:

EMACS Installation----------------------------------------------------

Installation within GitBash/Msys/Raspberry PI

1.Type: sudo apt-get install emacs

2.say yes to download

Clion Installation--------------------------------------------------------

Clion Overview: It is a workable Text Editor and IDE, used for professional use and requires high level usage of packages, toolchains, etc...

Install CLion through link: <https://www.jetbrains.com/clion/download/#section=linux>

Configuring License to use Clion (Free for Students)

Configure Clion to use Msys

1. ‘Click On’ File

2. ‘Click On’ Settings

3. ‘Click On’ Build, Execution, Deployment

4. ‘Click On’ Toolchains

5. Configure:

-Name: MSYS64

-File: C:\msys64\mingw64 [All packages must be ]

[Installed in msys to work]

-Make: C:\msys64\usr\bin\make.exe [Directory Doesn’t Matter ]

[as long as make.exe ]

-C Compiler: C:\msys64\usr\bin\Compiler.exe [Directory Doesn’t Matter ]

[as long as make.exe ]

-C++ Compiler: C:\msys64\usr\bin\Compiler.exe [Directory Doesn’t Matter ]

[as long as make.exe ]

[In order to run code, must have CMake and CMakeLists.txt to allow C++ code to run ]

Visual Studio Installation---------------------------------------------

Video Installation Tutorial:<https://www.youtube.com/watch?v=7EHJafw3djk>

Visual Studio Download Page: <https://visualstudio.microsoft.com/downloads/>

XCode Installation (Mac Users)------------------------------------

Video Installation Tutorial: <https://www.youtube.com/watch?v=g-Lsk7ypjDI>

Xcode Download Page: <https://developer.apple.com/xcode/>

Atom Installation-------------------------------------------------------

Atom Overview: Easy to use Text Editor, it does not come with a compiler but easy to download compiler // can use c++, HTML, ...etc (depends on the packages you download)

Video Installation Tutorial: <https://www.youtube.com/watch?v=zaokK25DITo&vl=en>

Atom Download Page: <https://atom.io/>

Sublime Text 3 Installation-------------------------------------------

Video Installation Tutorial: <https://www.youtube.com/watch?v=04gKiTiRlq8>

Sublime Text Download Page: <https://www.sublimetext.com/3>