

# TOP 5 Best C programming software 2020

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When learning any programming language, the most important thing is to have an appropriate code editing software. C programming is the same, you will need to have a good coding environment, which makes it easy to program and detect errors. Depending on the usage and familiarity, you will choose the editor that suits you. In the content of this article, TipsMake.com will summarize the 5 most popular C programming software currently used by many programmers. Please follow along.

## 1. Sublime Text software

Download link: <https://www.sublimetext.com/3>

```

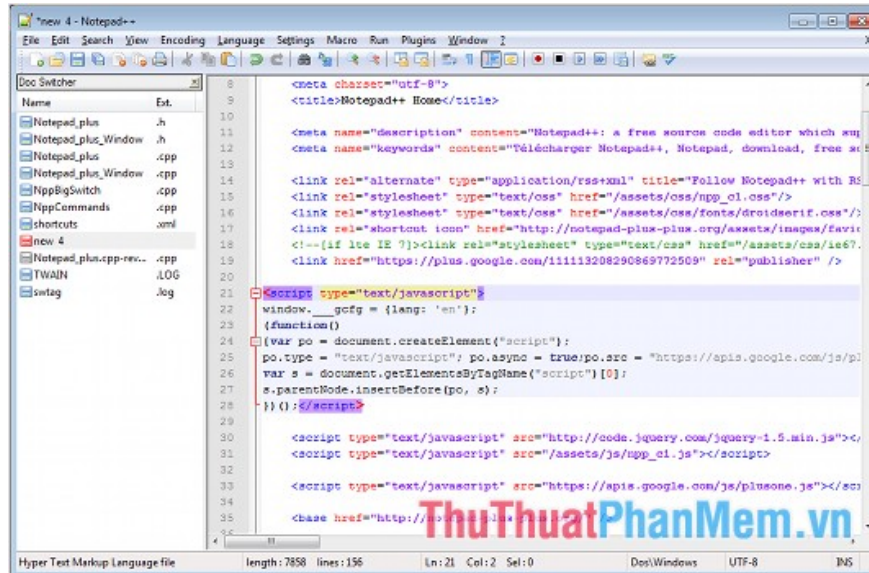
31 void base64_encode(const uint8_t * data, size_t length, char * dst)
32 {
33     size_t src_idx = 0;
34     size_t dst_idx = 0;
35     for (; (src_idx + 2) < length; src_idx += 3, dst_idx += 4)
36     {
37         uint8_t s0 = data[src_idx];
38         uint8_t s1 = data[src_idx + 1];
39         uint8_t s2 = data[src_idx + 2];
40
41         dst[dst_idx + 0] = charset[(s0 & 0xfc) >> 2];
42         dst[dst_idx + 1] = charset[((s0 & 0x03) << 4) | ((s1 & 0xf0) >> 4)];
43         dst[dst_idx + 2] = charset[((s1 & 0x0f) << 2) | (s2 & 0xc0) >> 6];
44         dst[dst_idx + 3] = charset[(s2 & 0x3f)];
45     }
46
47     if (src_idx < length)
48     {
49         uint8_t s0 = data[src_idx];
50         uint8_t s1 = (src_idx + 1 < length) ? data[src_idx + 1] : 0;
51
52         dst[dst_idx++] = charset[(s0 & 0xfc) >> 2];
53         dst[dst_idx++] = charset[((s0 & 0x03) << 4) | ((s1 & 0xf0) >> 4)];
54         if (src_idx + 1 < length)
55             dst[dst_idx++] = charset[((s1 & 0x0f) << 2) | (s2 & 0xc0) >> 6];
56     }

```

The Sublime Text editor is the best editor on the market. This is an exclusive software with a focus on features. Not only is it a great option for a powerful IDE, but it is also very lightweight, helping to get the job done efficiently and accurately. This software supports cross-platform operating systems such as Windows, MAC and Linux, in addition, it also has a very nice interface. Sublime text comes with advanced code editing features that allow you to autofill, autocomplete, functions referenced in a file, multiple selections, split editing, and more.

## 2. Notepad ++ software

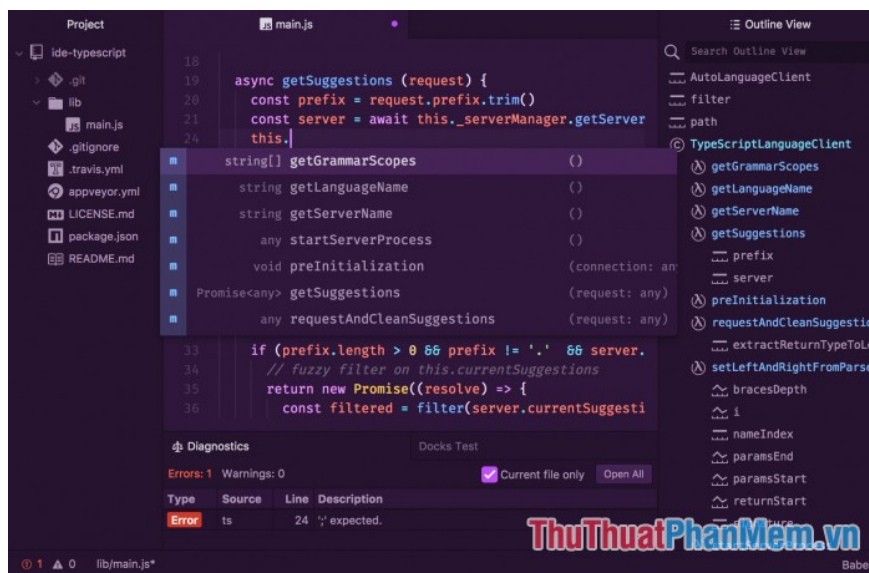
Download link: <https://notepad-plus-plus.org/download/v7.5.6.html>



Notepad ++ is a free programming language editing tool that supports many different programming languages ?? such as ASP, PHP, Java, C, Python, Jsp . Notepad ++ is not Windows Notepad. Thanks to Notepad ++, now the source code editing and inserting a code code is faster and more compact than ever, saving time and effort for programmers. Besides, it also comes with syntax highlighting that helps many languages ??including PHP, JavaScript, HTML and CSS. Combined with a built-in FTP plugin it allows you to connect to the server and can easily edit your files directly without leaving the editor.

### 3. Atom software

Download link: <https://atom.io>

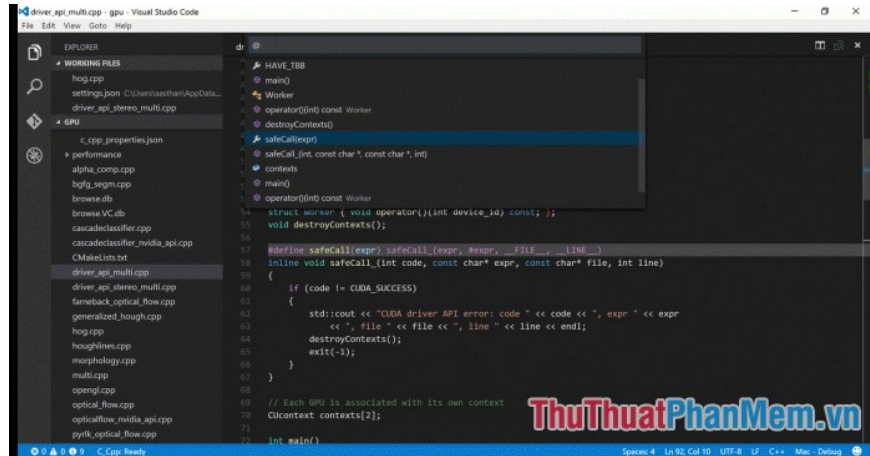


Atom is a newly created text editor and is well received by the developers in the programming community because of its many worthwhile features. Atom is open source software, not only free to use, but also users can view and change the source code of the software. You are also free to contribute to the community by

developing this text editor software. In addition, it also has quite a nice interface.

## 4. Visual Studio Code software

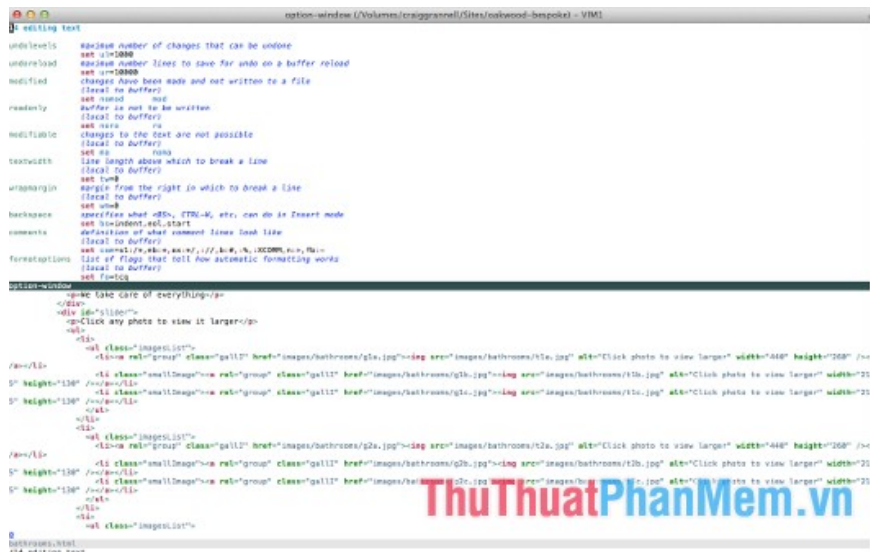
Download link: <https://code.visualstudio.com/Download>



This is a Microsoft product, and please note that VS Code is completely different from VS (Visual Studio). It is simply a Text Editor rather than a complete IDE. And in terms of relatives, VSC is Atom's 'cousin' but developed by Microsoft, because it is based on GitHub's Project Electron. And so it naturally supports both Windows, Mac and Linux rather than just Windows or Mac OS like Visual Studio.

## 5. Vim software

Download link: <https://www.vim.org/download.php>



This is a powerful editor on all operating systems, Linux, Windows, Unix . Vim has a very high configuration built to allow effective text editing. The program's editor because it is very useful in programming. Vim can be

embedded in powerful IDEs such as Visual Studio or Qt Creator, Eclipse, etc. Vim can also be used directly on the graphics platform by gVim or from the terminal.

Above TipsMake.com introduced to you 5 best C programming software 2020. Hope through the article you will choose for yourself the right software. Good luck!

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