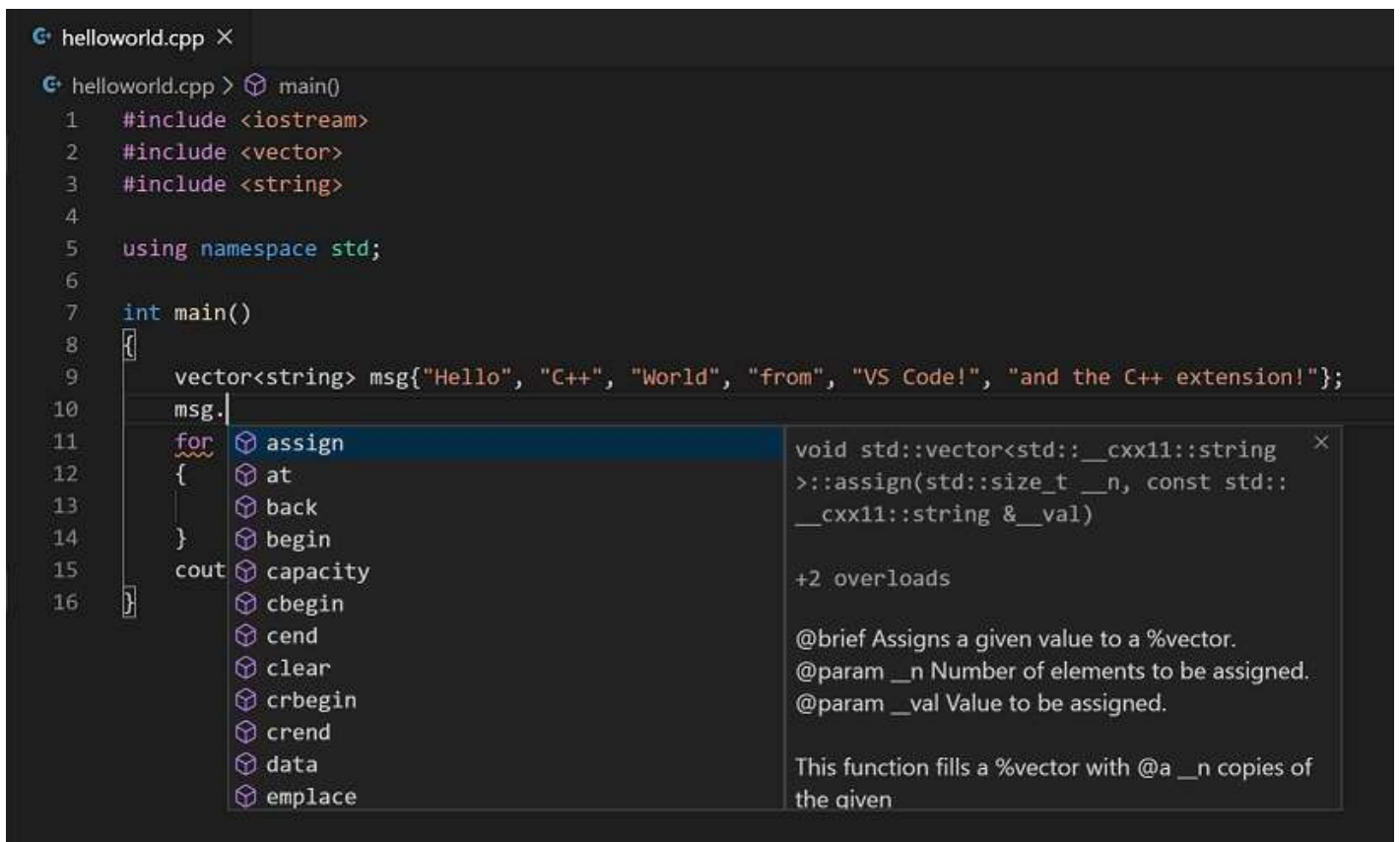# C/C++ for Visual Studio Code

C/C++ support for Visual Studio Code is provided by a Microsoft C/C++ extension to enable cross-platform C and C++ development on Windows, Linux, and macOS. When you create a `*.cpp` file, the extension adds features such as syntax highlighting (colorization), smart completions and hovers (IntelliSense), and error checking.
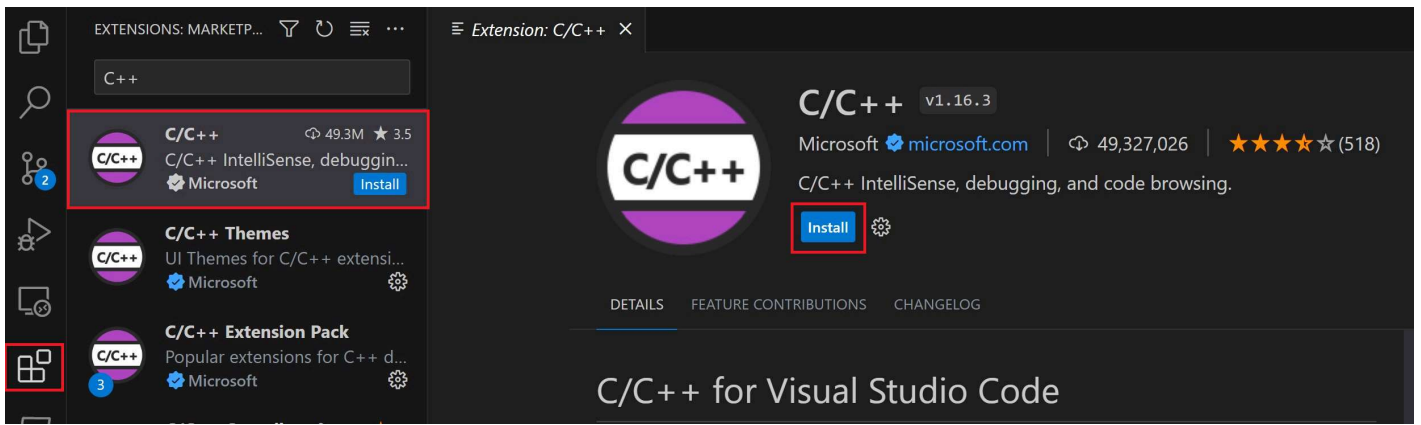

Install the extension

1. Open VS Code.
2. Select the Extensions view icon on the Activity bar or use the keyboard shortcut (`Ctrl+Shift+X`).
3. Search for `'C++'` .
4. Select **Install**.

Set up your C++ Environment

C++ is a compiled language meaning your program's source code must be translated (compiled) before it can be run on your computer. The C/C++ extension doesn't include a C++ compiler or debugger, since VS Code as an editor relies on command-line tools for the development workflow. You need to install these tools or use the tools already installed on your computer