# Creating your C++ file

You can begin coding your HelloWorld program. The .cpp file that you create will be saved in the project folder you just created [Creating a project](http://docs.google.com/cdt_w_newproj.htm).

Files are edited in the C/C++ editor located to the right of the C/C++ Projects view. The left margin of the C/C++ editor, called the marker bar, displays icons for items such as bookmarks, breakpoints, and compiler errors and warnings.

For more information about:

* The marker bar, see **Workbench User Guide > Reference > User interface information > Icons and buttons > Editor area marker bar**
* The editor area, see **Workbench User Guide > Reference > User interface information > Views and editors > Editor area**

To create a C++ file:

1. In the **C++ Projects** view, right-click the **HelloWorld** project folder, and select **New > File**.
2. In the **File name** field, type **main.cpp**.
3. Click **Finish**.
4. Type the code, exactly as it appears below, in the editor. Lines are indented with tab characters, not with spaces.

#include <iostream>  
using namespace std;  
  
int main () {  
    // Say Hello five times  
    for (int index = 0; index < 5; ++index)  
    cout << "HelloWorld!" << endl;  
  
    char input = 'i';  
  
    cout << "To exit, press 'm'" << endl;  
  
    while(input != 'm') {  
        cin  >> input;  
        cout << "You just entered " << input  
             << " you need to enter m to exit." << endl;  
    }  
  
    exit(0);  
}

1. Click **File > Save**.

Your new .cpp file is displayed in the C/C++ Projects view and in the Navigator view. Your project now contains main.cpp. Before you can build your HelloWorld project, you must create a makefile.

 [**Next: Creating your makefile**](http://docs.google.com/cdt_w_newmake.htm)

**** [**Back: Creating your project**](http://docs.google.com/cdt_w_newproj.htm)

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[CDT projects](http://docs.google.com/concepts/cdt_c_projects.htm)

[Project file views](http://docs.google.com/concepts/cdt_c_proj_file_views.htm)

[Coding aids](http://docs.google.com/concepts/cdt_o_code_entry.htm)



[Working with C/C++ project files](http://docs.google.com/tasks/cdt_o_proj_files.htm)

[Writing code](http://docs.google.com/tasks/cdt_o_write_code.htm)



[C/C++ Projects view](http://docs.google.com/reference/cdt_o_proj_prop_pages.htm)

