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

To create a C++ file:

1. In the **Project Explorer** view, right-click the **HelloWorld** project folder, and select **New > Source File**.
2. In the **Source file:**  field, type **main.cpp**.  
   By default the source folder should be your project folder.  
   The template selected is probably "Default C/C++ Source Template."
3. Click **Finish**.
4. A Comment template probably appears at the top of an otherwise empty file. Type the code, exactly as it appears below, in the editor. Or you can paste it in from this help file.

#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 **Project Explorer** 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)

