Source Code

When you click the link you'll find the human-readable **source code** for this program, in the file which we would name hello.cpp.

```cpp
1  // A C++ version of hello world
2  #include <iostream>
3  using namespace std;
4
5  int main()
6  {
7      cout << "hello world" << endl;
8      return 0;
9  }
10
```

Let's review each line:

1. A **comment**, designed for the reader, but ignored by the compiler.

2. A **preprocessor directive** which makes the C++ library facilities available.

3. A **namespace directive** makes standard names available without qualification.

4. A **blank line**, used to make your code more readable.

5. The `main` function or **entry point** to your program. Each program has one `main`.

6. The **opening** brace. How you say **begin** the actions in C++.

7. Prints to the console, using the **standard output** object named `cout`.

8. Ends the main function, **returning** the value `0` back to the operating system.

9. The **closing** brace marks the **end** of `main`, matching the opening brace.