



C++ is one of the most commonly used object-oriented programming languages in the world. Here's a walk-through of how to say "Hello World!" in it:

"**iostream**" is the default file that includes ways to input (cin) and output (cout) text.

"Using namespace **std**" allows you to just put "cout" or "cin" to output or input code instead of putting "std::cout" or "std::cin".

The Code

```
#include <iostream>
using namespace std;

int main() {
    cout << "Hello World!";
    return 0;
}
```

`cout << "Hello World";` shows three important elements you will use throughout C++:

- Less than signs (<<) are used when you're trying to output something
- Quotation marks ("") are used when trying to use characters within variables, outputs, etc.
- Semicolons (;) are used at the end of every line of code within a function

Your "**main**" function shows the lines of code that will run first in your program. It is also an "**int**" function meaning that it needs to **return an integer** (which this code returns **0**).

The Output

Hello World!

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