

Lesson 1 Exercises

Hello World and First C plus plus Edits

Complete these exercises after you have successfully run the starter program. Work carefully. Most beginner C++ errors are small punctuation mistakes.

Exercise 1 Label the Program

Draw lines or write labels for include line, main, braces, cout, semicolons, and return.

```
#include <iostream>

using namespace std;

int main() {
    cout << "Hello, world!" << endl;
    return 0;
}
```

Exercise 2 Three Line Introduction

Write a program that prints three lines:

- My name is your name.
- I am learning C++.
- I am on a robotics team.

Exercise 3 Add Comments

Add at least two comments to your program:

- One comment above main that describes the program.
- One comment above a cout line that describes what it prints.

Exercise 4 Fix the Bugs

Each line below has one problem. Write the corrected line.

Buggy Code	Corrected Code
cout << "Hello" << endl	
cout << Hello << endl;	
return 0	
cout < "Robotics" << endl;	

Exercise 5 Skill Check

Create a program that prints this exact output:

C++ Skill Check

I can edit source code.

I can compile and run a program.

Your program must include:

- A correct `#include` line.
- A correct main function.
- At least one comment.
- Three `cout` lines.
- A `return 0;` line.