

Week 2 - Basic C++ Programming

1 Before Your Tutorial

- Make sure you've read the "C++ Basics" document from Week 1.
- Download, compile and run `HelloWorld.cpp` (available in the Week 2 folder). Refer to the video in the Week 2 folder if you really get stuck (but give it a go first).
- Try changing `HelloWorld.cpp` to do something more interesting, use a loop, write a conditional, try something!
- In doing this, what did you find interesting about the language? Anything you love or hate?

2 During Your Tutorial

- Download and complete `foo.cpp` from the Week 2 folder. `foo.cpp` includes a series of functions with their specification defined in the comments.
- If the software is ready¹, download, compile and run `fooTests.h` with `CxxTest`². How did you go?
- Examine the code for `fooTests.h`, while there's some magic with how the tests are compiled, why have I put in function definitions at the start of the file that match the functions in `foo.cpp`? Try removing some. Can you think of another way to do this?

¹We're waiting on installation at the time of writing.

²You will of course need a working `foo.cpp` to pass the tests.