## Introductory C++ exercises

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The files for this are on Github.

To check out the repository run:

git clone https://github.com/EPCCed/APT-CPP
cd APT-CPP/exercises/complex

## Task

You have been provided with a simple, *partial* implementation of a complex number class and an associated test program. Your task is to alter the complex.cpp/complex.hpp files until the tests compile and run correctly! (Please don't edit the test.cpp program!). To compile, you need a C++17 capable compiler - on Cirrus the default gcc module is fine - then just use make.

This initial program fails:

./complex.hpp:13:10: note: member declaration does not match because it is const qualified double real() const;

You need to start tracking down the bugs and fixing them.