Lab 14 A

Formatting

In this first exercise you practice doing formatted I/O with the capabilities provided by the I/O stream library.

Suggested time: 15 minutes

Instructions:

In the **starter** folder for this formatting exercise there is a program that prints a table of months and days in each month, followed by a line showing total number of days in the year. The output is not formatted. Your job is to modify the program so that the string field is printed left justified with width 15 and the number field is printed right justified with width 3.

Lab 14 B

Overloading >> and <<

Instructions:

In this second exercise you overload the >> and << operators using istream and ostream.

Suggested time: 15 minutes

Instructions:

In the **starter** folder for this Complex class exercise there is a program that read a Complex number from the console. The expected pattern is "X + Yi", where X is the real part, and Y the imaginary part. The value is echoed back to the console.

Implement the operators in the Complex class. Change the code in main() to use the overloads.

Here is sample input and output expected from running the program:

Enter complex number [X + Yi]: **10 + 20i**

10+20i