

Scientific Computing

College of the Atlantic

Looping

Here are a few things to try before class on Tuesday, January 16.

1. Write programs that do the following:
 - Prints “hello” seven times
 - Prints out the integers from 1 to 10
 - Adds up the integers from 0 to 100 and prints the result. (The answer should be 5050.)
 - Prints out numbers from 0 to 5 in increments of 0.25. I.e., the program should output 0, 0.25, 0.5, 0.75, ...4.5, 4.75, 5.0.

2. To practice plotting a bit more, make a program that produces a plot of the function $3x^2$ from $x = 0$ to 4. Make the plot be a solid blue line and label the axes “x” and “f(x)”.

We'll go over these in class on Tuesday.