

CSC209H Worksheet: Introduction to C

Where possible work with a partner or in a group of three to do this activity on a computer. Compile and debug your program at each step. If you don't have access to a computer running C, you may work on paper.

1. Write a simple C program to read in two integers separated by a space from the keyboard. Compute the sum of these two integers, then print a message back to the screen, in the format "`<int1> plus <int2> equals <sum>`".
2. Save your program in the file `first.c`. What is the command to compile your program into an executable named `first`?
3. Change your program to read pairs of integers in a loop that executes 5 times (so 5 lines in total are read). Save the integers in two parallel arrays, each of length 5. Then use another loop to print 5 messages back to the screen, one for each pair.