CSci 115 Spring 2016
Lab 2
(due Tue Feb 9, 6:00pm)

This lab covers the mathematical preliminaries in Chapter 2 of the PDF version of the textbook, and consists of a list of exercises from Section 2.9 of that book. Work out the answers to these questions and write them up either (1) by hand on paper that you scan as a PDF, or (2) in a document-preparation system with mathematical-formula capabilities and export the result as a PDF. If you choose (1), you will need to write clearly. When you are done, put your PDF file in your `turn-in` directory on mulan before the lab deadline, and make sure you remove any other files from that directory.

Here are the exercises for which you are to write up solutions:

2.1 (a) – (g).

2.2 (a) – (f).

2.3 (a) – (f).

2.15. Your function should have the prototype `void perms(int A[], int n);`
Test your function separately and include in your answer what the output would be if you called your function with arguments `int A[4] = {1,2,3,4}, n = 4`.

2.16. Your function should have the prototype `void subsets(int n);`
Subsets should be printed, for example, as `{}`, `{1}`, `{1,2}`, etc.

2.22 – 2.24.

2.28.