Laboratory Assignment 3  
September 28, 2005

Before coming to lab, study Chapter 2 of the Shiflet textbook. Working with your lab partners, discuss each question below and do any computer work required.

Bring Shiflet with you to lab on Wednesday. Unless you are already quite comfortable with unix, you might wish to bring Anderson along as well.

1. Do Laboratory Exercise #1 beginning on page 116 of Shiflet. Before you type anything on the computer, discuss exactly how this should be done with your lab partners. In the opening comments of the program, be sure to include a reference to Lab Assignment #2 and the exercise number and page number from the text, along with the name of all of the lab partners. Keep the program neatly and consistently indented as shown in the sample in the text. Where you are told to “replace the comments with statements” you should in fact just add the statements following the existing comment (i.e. do not erase the comment). The comments will continue to serve as a useful outline, even after the code has been filled in and debugged.

Include the pseudocode you write in part (a) with the listings you turn in from this lab on Friday.

In part (c), answer the question “What change(s) did you make from 1b?” by encircling those changes, and marking next to them “Changed in 1c from 1b” in the final listing you produce in part (e).

2. Do Exercise #3 beginning on page 117 of your Shiflet text. In parts (e) and (f), answer the questions asked by writing the answers next to the output of the test runs that you do to check what happens.