Errata for Linear Algebra LABS with MATLAB, 3rd Edition Last updated 2/12/2010

In Lab 3, Page 4 near the top.
Again check by hand that \( p(-2) = -31 \), \( p(0) = -7 \), \( p(1) = -1 \), and \( p(2) = 17 \). To graph \( p(x) \) over \([-2, 2]\) enter the following commands: (The first command defines a vector of values starting with \(-2\) in steps 0.1 to 2 which are used as \(x\)-values for the graph generated by the \texttt{plot} command.)

\[
x = -2:0.1:2; \\
y = \text{polyval}(p,x); \\
\text{poly}(x,y)
\]

This command should be \texttt{plot(x,y)}

In Lab 3, Page 16 above Exercises 3.3
The information in this box is no longer valid.

Since MATLAB has pull-down menus, changing formats can be done choosing the Options menu and then Numeric format.

In Lab 4, Page 15, in Exercise 6. The \texttt{flops} command is no longer supported by MATLAB.

\[
\text{>> help flops}
\]

FLOPS Obsolete floating point operation count.
Earlier versions of MATLAB counted the number of floating point operations. With the incorporation of LAPACK in MATLAB 6, this is no longer practical.