BMEn 2401 Programming for Biomedical Engineers
Prep Assignment based on Lecture #2 – Due 11:00am 7-Sept-18

1. What is the value of w after the following sequence of commands is executed?

   A = [1 2 3; -1 0 -1; 2 1 3];
   x = [4 1 1]';
   y = A*x;
   w = dot(x,y);

2. Use Matlab (you may use the backslash operator) to calculate the solution to the following linear algebraic equation:

   A = [1 2 3 4; 5 6 2 -1; 1 0 0 1; 1 -1 1 -1];
   b = [44 45 3 4]';

   What value of x will give A*x = b?