Homework:

1.      Create a 5 x 4 matrix A, of 1’s and another B, of 2’s.

2.      Change the (1,2), (2,4), (3,2) and (5, 4) elements of A to 3, 6, 2 and 9, respectively. Similarly change the (1,3), (2, 3), (4, 2) and (5, 3) elements of B to 5, 4, 2, and 8, respectively. Call these matrices, C and D.

3.      Compute the product matrix E = C`D.

4.      Apply 10 operations from the 2 lists provided on any of the above matrices.

5.      Use the DO loop to create three different Mixture normal distribution that are mixtures of **three** normals and plot the Histogram and Kernel density.

6.      For the matrix with data set (last slide), use PROC IML to compute the means and s.d. of the three variables (without calling any PROCs).