CS 678 HMM Baum-Welch Homework

Assume the racquetball example we have been reviewing in class. Assume that the given parameters are the initial random parameters for the model. Apply one iteration of the Baum-Welch Algorithm with the observation sequence (F1, F3, F3) and show all the new values of the initial state probability vector $\pi$. You do not need to calculate the entire new A and B matrices if you do not want to, but at least do a few values for the A and B matrices including $A_{12}$ and $B_{23}$. 