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 and show the new values of the initial state probability vector $\pi$. You do not need to calculate the entire new $A$ and $B$ matrices. Just a couple $A$ values including $A_{12}$ and a couple of $B$ values including $B_{23}$. 