Question 7

For this model we are given it converges with 2052 iterations with 1000 observations so for this model.

If the odds of seeing observations given a hmm model lamda do not grow with the next iteration the model has converged.

For 10k and 15k iterations it didnt converge

So we can assume we wuld need mby 100k iterations to cunverge completly

It converges when the interations outway the observations

We needed f.x. 98 iterations. For it to converge for 10 observations and then again 2052 iterations for 1000 observations

Question 8