1. Predicted correctly: 580
   Accuracy: 74.83871%
2. Predicted correctly: 666
   Accuracy: 85.93548%
3. I initialized all of the conditional probability variables to 1 instead of zero to eliminate the divide by 0 problem. We know that each of the variables will be seen at least once and 1 difference that is added to all of the variables doesn't affect it much overall.