Checklist for EECS 348 Assignment 5

1. Submit three files: Zip them into a file called “*netid*.zip”
   1. strokeHMMbasic.py
      1. A modified version of the provided code to include Viterbi implementation (in the HMM class, this means completing the label function in the HMM class)
      2. Our test example
      3. Code to calculate confusion matrix
   2. strokeHMM.py
      1. Add at least one feature
   3. results.txt
      1. Contains confusion matrix for strokeHMMbasic.py and strokeHMM.py
      2. A write-up of how we built our best classifier
         1. Summary
         2. What feature(s) (and are they continuous or discrete?)
         3. How did we determine thresholds for discrete features?
         4. How well did it work?
2. Possible Features
   1. Distance from side of sketch (or top/bottom of sketch)
   2. Bounding box area
   3. Bounding box height/width ratio
   4. Drawing speed (max, min, average)
   5. Proximity to nearest neighbor
   6. Others?
   7. Make features discrete or continuous