CPSC 425 Assignment 5 （due November 14, 2018）

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4 Implemented in def build\_vocabulary(image\_paths, vocab\_size) and def get\_bags\_of\_sifts(image\_paths, kmeans) in util.py

5 Implemented in def nearest\_neighbor\_classify(train\_image\_feats, train\_labels, test\_image\_feats) and def svm\_classify(train\_image\_feats, train\_labels, test\_image\_feats) in classifiers.py

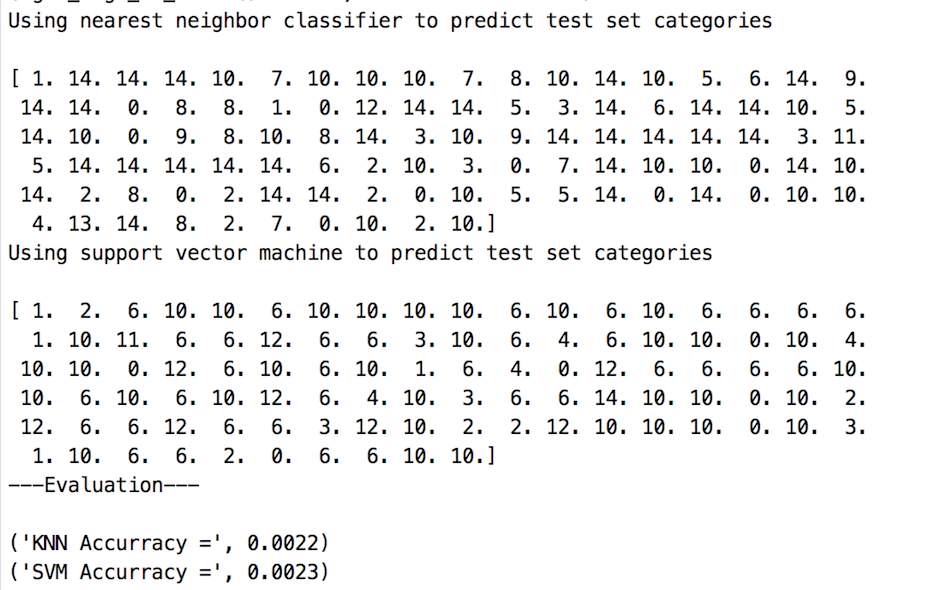


figure 5

The best KNN Accuracy I get is 0.0023 and the best SVM Accuracy I get 0.0023, not very successful.

Confusion matrix:

