READ ME

Instructions:

1. *featureExtractor.py* reads images and extracts features using SIFT and Bag-of-Words method. It returns the features. It takes a lot of time to run.
2. SiameseNetwork.py calls featureExtractor and runs the Siamese neural network model. The model can be viewed in *model.png* file
3. It took 62 secs to train and test on i5 7th gen CPU , 1050Ti 4GB GPU
4. For testing place the Hidden Test Folder in the same directory as the code and run the Siamese Network program
5. To execute Siamese network run : python SiameseNetwork.py

Accuracy : 63%