REU Summer 2013

Homework. Session 4

1. Download the 15 scenes dataset
2. Rescale all the images of the dataset to 48x32.
3. Select 80% of the data of each class for training and 20% for testing
4. For each image, your feature will be a concatenation of 6 Sift descriptors (split the images in 3x2 blocks , get the SIFT descriptor for each block).
5. Train a SVM classifier using training data
6. Test your results in your testing data