**Instructions**

Step 1:

This program only loads the images of first 9 ASL letters excluding the depth images.

Step 2:

As the images are in different sizes we resize all the images to 32x32 and we label them

Step 3:

Now after preprocessing is done we split the dataset into test and training 80% of images as train images

Step 4:

The min batcher function assigns the random values to the dataset while training

Step 5:

A CNN classifier is build for the training dataset and we test is for test dataset.

Step 6:

We list out the accuracy, Precision, Recall, F1-score for all the classes here the number of classes are 9 as we are taking only 9 ASL letters.

Additional we can extend CNN for all the 26-2=24 as there are two letters that has video to represent and with all the letters the processing time is high.

Note: I just considered the color images and ignored depth images.