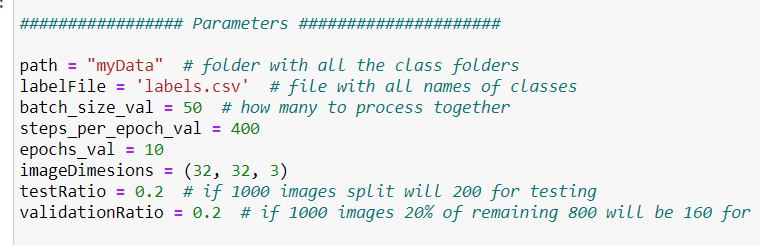
Traffic Sign Classification using CNN(Live)

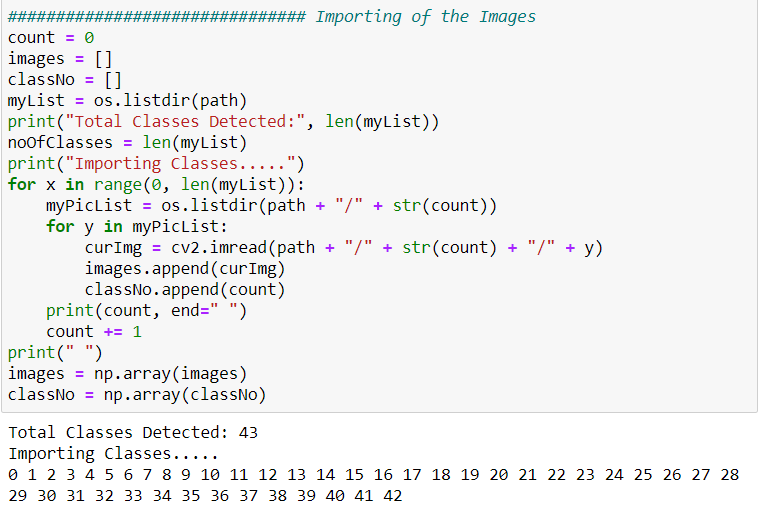
# Dataset

We are using German Traffic Sign Dataset with 43 classes

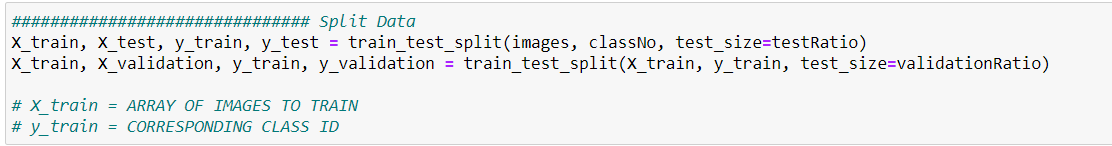
# Setting up the Parameters



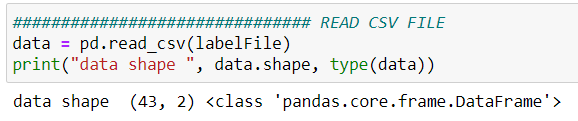
Importing Images



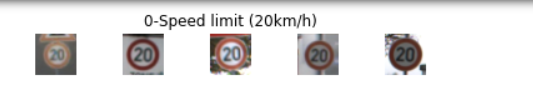
# Split our Data into Train and Test Dataset



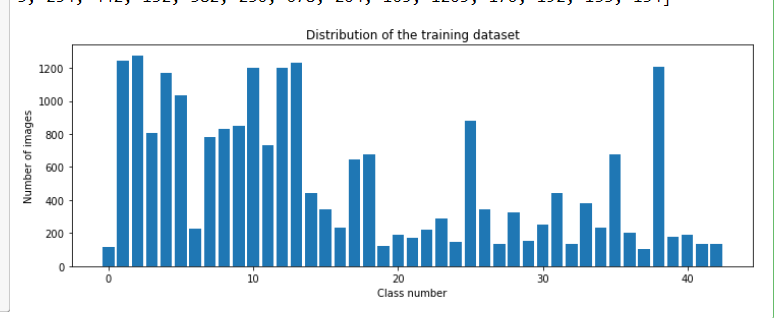
# Reading the CSV File



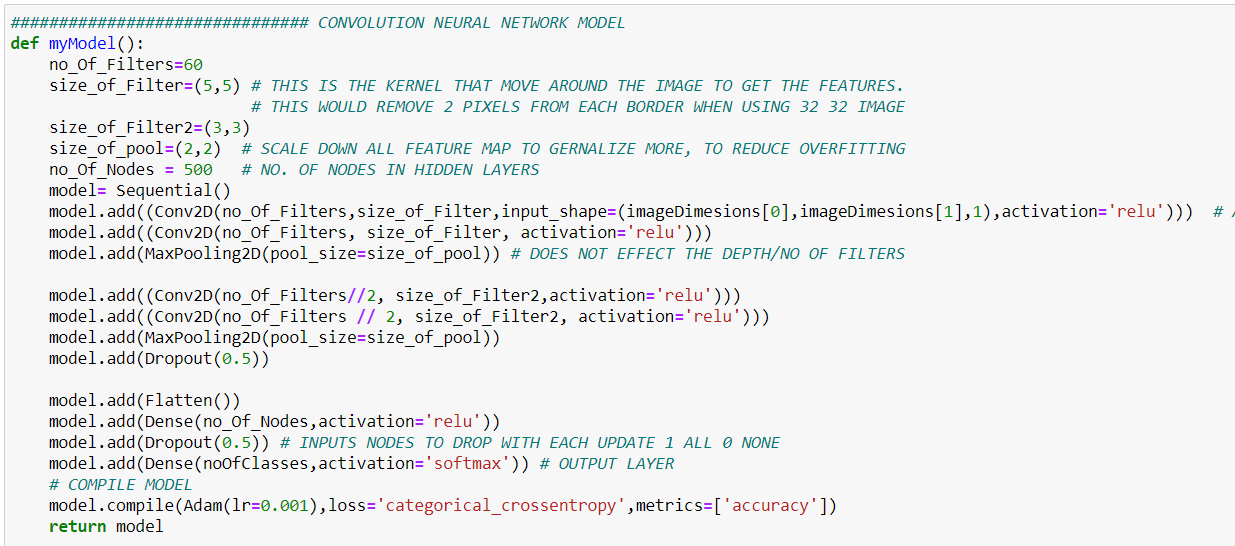
# Display Some Of the Images



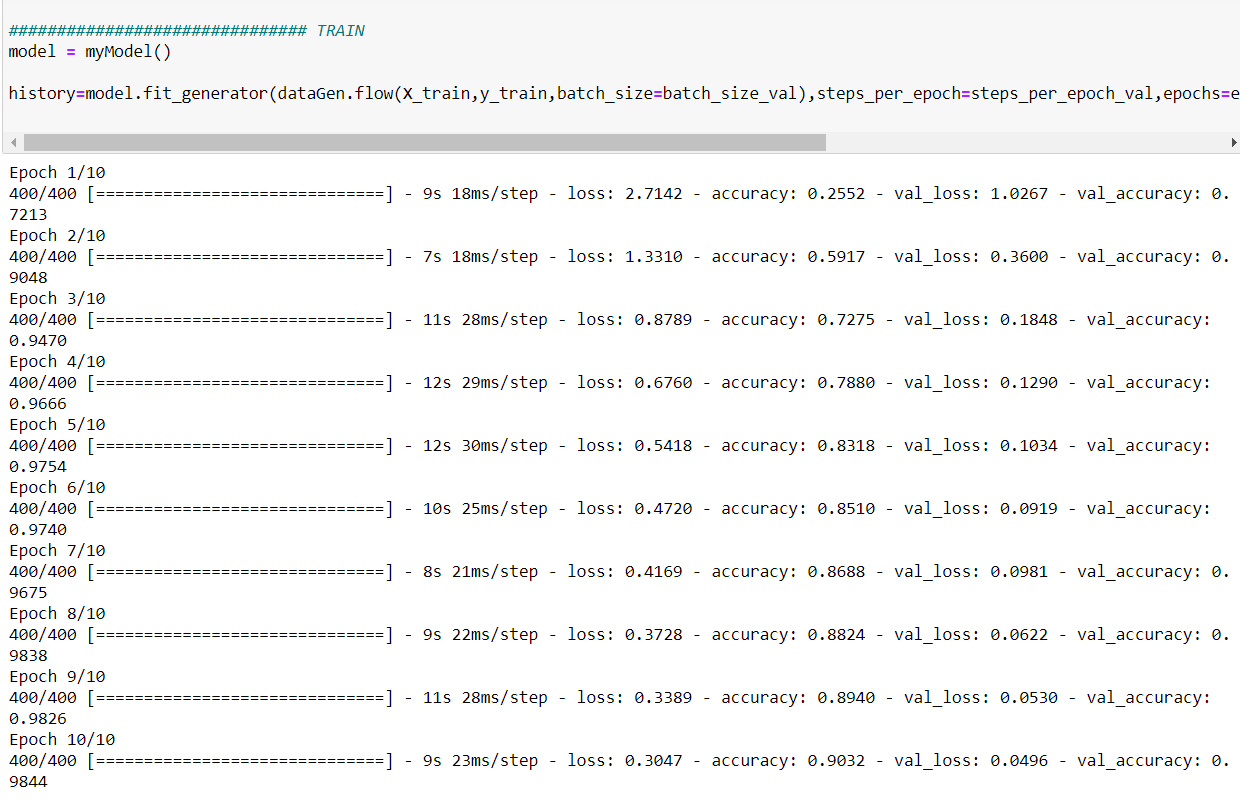
# DISPLAY A BAR CHART SHOWING NO OF SAMPLES FOR EACH CATEGORY



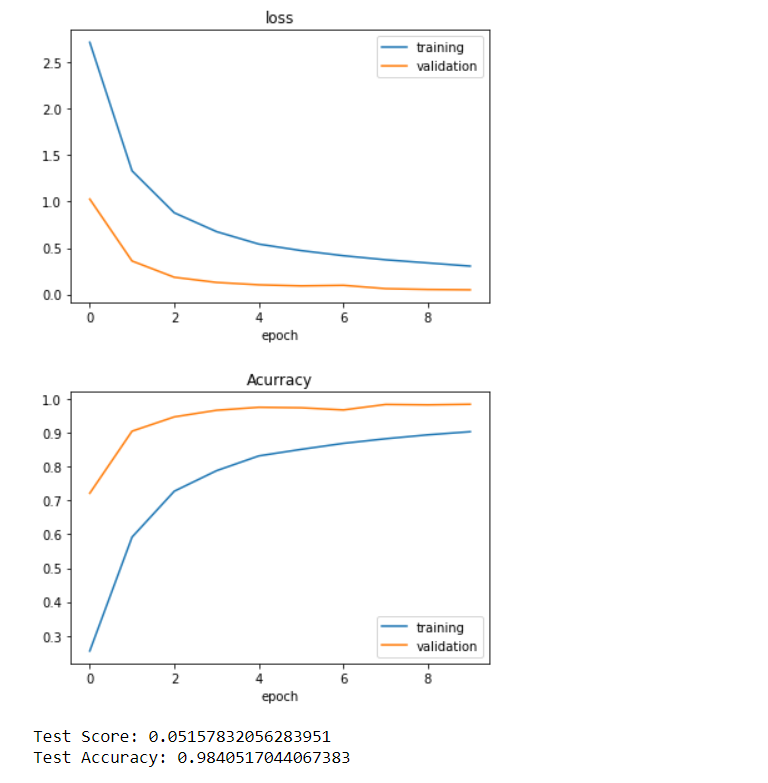
# Our Model



# Train our Model

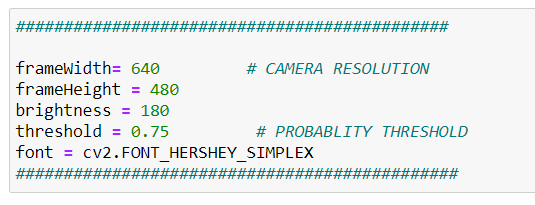


# Plot (Loss vs Accuracy)

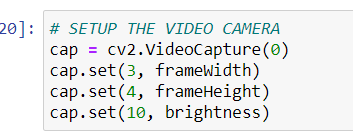


Testing on Live Camera(Real Time)

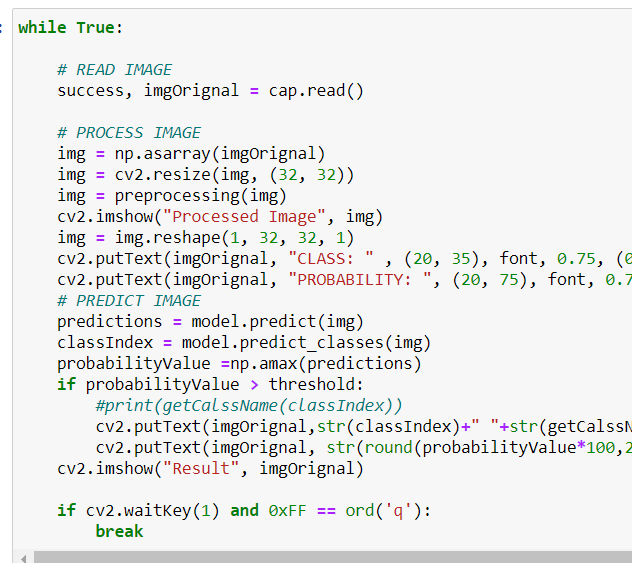
# Setting up the Parameters



# Setup the Video Camera



# While loop to Give us Continuous Image



# Result (Realtime)





