Day6 Question

1. Develop an ML model for predicting the digits in the digits image dataset in sklearn using SVM . Plot some sample input images together with its class information. Also plot some predicted outputs together with its actual images.

   [hint: To plot the images using plt.imshow use the actual dimension of the images in the dataset. Before fitting the data to the SVC model reshape the X data from (n,8,8) to (n, 64) using X.reshape(n,-1) where n is the number of images]