Train Accuracy: 0.871

Train Loss: 0.390

Test Accuracy: 0.840

Test Loss: 0.493

def evaluate(net, images, labels):

acc = 0

loss = 0

batch\_size = 1

for batch\_index in range(0, images.shape[0], batch\_size):

x = images[batch\_index]

y = labels[batch\_index]

# forward pass

for l in range(net.lay\_num):

output = net.layers[l].forward(x)

x = output

loss += cross\_entropy(output, y)

if np.argmax(output) == np.argmax(y):

acc += 1

return acc/images.shape[0], loss/images.shape[0]