Text file to create
We need to set red words
■ Neural network setting 「NET.txt」

CrossEntropy	Square or CrossEntropy
BATCH_SIZE 50	Mini batch size
EPOCH 10	Epoch number
LAMBDA 0.000000	Load decay (weight decay)
EPS 0.001000	Learning rate

＊Leave the setting of LAMBDA to 0 (there is a problem)

■ Layer setting 「LAYER.txt」

LAYER 4	Number of layers
1 [28, 28]	Input feature map from left, input unit width, input unit height
Each layer setting See layer description	※ Width and height are numbers when input units are regarded as a matrix
END	

■ Describing layers
Fully Connected layer

LAYER_TYPE_FullyConnected 1 [*7, 7*] -> [1, 10] Softmax	From the left, input of feature map, output unit width, output unit height, start function ※ The width and height are the numbers when looking at the input device as a matrix ※ Activation function described on final page

Convolutional layer

LAYER_TYPE_Convolutional 20 [*28, 28*]->(5, 5)->[*28, 28*] st 1 ReLU	From the left, input feature map, convolution width, convolution height, stride, activation function

maxPooling layer

LAYER_TYPE_maxPooling 20 [*28, 28*]->(4, 4)->[*7, 7*] st 4 Identity	From the left, input feature map, convolution width, convolution height, stride, activation function

■ Activation function can use
Identity
ReLU
Sigmoid