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* NN.
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ZWZWZW
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```
1zw import numpy as np  
2zw import mnist  
3zw  
4zw #randseed  
5zw seed = 601  
6zw M = 80  
7zw C = 10  
8zw B = 100  
9zw #study_rate  
10zw my = 0.01  
11zw np.random.seed(seed)  
12zw X = mnist.download_and_parse_mnist_file("train-images-idx3-ubyte.gz")  
13zw Y = mnist.download_and_parse_mnist_file("train-labels-idx1-ubyte.gz")  
14zw img_size = X[0].size  
15zw epoch = X.shape[0] // B  
16zw #epoch_repeat  
17zw num = 30
```

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```
2. , my, epoch, num. epoch1epoch, // .numepoch, .
```