

# NiN

第二版（没注释掉的代码）终端输出：

```
root@autodl-container-35c04cbe2d-8d9e6743:~/autodl-tmp# python NiN.py
Sequential output shape:      torch.Size([1, 64, 32, 32])
MaxPool2d output shape: torch.Size([1, 64, 16, 16])
Sequential output shape:      torch.Size([1, 128, 16, 16])
MaxPool2d output shape: torch.Size([1, 128, 8, 8])
Sequential output shape:      torch.Size([1, 256, 8, 8])
MaxPool2d output shape: torch.Size([1, 256, 4, 4])
Dropout output shape:   torch.Size([1, 256, 4, 4])
Sequential output shape:      torch.Size([1, 10, 4, 4])
AdaptiveAvgPool2d output shape: torch.Size([1, 10, 1, 1])
Flatten output shape:   torch.Size([1, 10])
Using device: cuda
Epoch 1/10, loss 0.6973, train acc 0.801, test acc 0.870
Epoch 2/10, loss 0.3429, train acc 0.888, test acc 0.878
Epoch 3/10, loss 0.2827, train acc 0.905, test acc 0.905
Epoch 4/10, loss 0.2488, train acc 0.915, test acc 0.892
Epoch 5/10, loss 0.2262, train acc 0.923, test acc 0.916
Epoch 6/10, loss 0.2088, train acc 0.928, test acc 0.901
Epoch 7/10, loss 0.1958, train acc 0.933, test acc 0.897
Epoch 8/10, loss 0.1838, train acc 0.938, test acc 0.921
Epoch 9/10, loss 0.1680, train acc 0.943, test acc 0.925
Epoch 10/10, loss 0.1614, train acc 0.945, test acc 0.921
```