type(labels\_pred), labels\_pred.shape: <class 'torch.Tensor'> torch.Size([128, 10])

tensor([[-1.3098e+00, -5.1958e+00, -4.3112e+00, ..., -6.5936e+00,

-4.1666e-01, -4.0672e+00],

[-7.6204e+00, -9.2902e+00, -4.8976e+00, ..., -1.4079e-01,

-9.6599e+00, -8.5457e+00],

[-4.0518e+00, -8.2506e+00, -1.0883e+00, ..., -2.9800e+00,

-5.5170e+00, -6.3870e+00],

...,

[-9.1457e+00, -9.6178e-03, -1.6186e+01, ..., -1.4232e+01,

-1.1123e+01, -4.6620e+00],

[-3.7733e+00, -4.7528e+00, -2.1643e+00, ..., -2.8393e+00,

-5.0726e+00, -6.0114e+00],

[-2.2386e+00, -3.1282e+00, -4.0142e+00, ..., -2.4335e+00,

-4.5057e+00, -1.2379e+00]], device='cuda:0')

images.shape: torch.Size([128, 3, 32, 32])

i: 1

labels\_pred\_max - Type, shape, len: <class 'torch.Tensor'> | torch.Size([128, 1]) | 128

labels - Type, shape, len: <class 'torch.Tensor'> | torch.Size([128]) | 128

labels\_pred - Type, shape, len: <class 'torch.Tensor'> | torch.Size([128, 10]) | 128

labels.view\_as(labels\_pred\_max) - Type, shape, len: <class 'torch.Tensor'> | torch.Size([128, 1]) | 128

labels\_pred\_max: tensor([[3],

[0],

[5],

[5],

[0],

[9],

[1],

[9],

[9],

[0],

[3],

[1],

[5],

[9],

[3],

[9],

[8],

[6],

[3],

[7],

[9],

[8],

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[7],

[7],

[0],

[9],

[0],

[0],

[9],

[0],

[1],

[3],

[2],

[4],

[4]], device='cuda:0')

labels: tensor([3, 2, 5, 5, 0, 9, 1, 7, 9, 0, 3, 1, 5, 9, 5, 3, 5, 6, 6, 7, 9, 8, 5, 5,

0, 7, 8, 0, 6, 3, 1, 8, 7, 4, 9, 3, 1, 9, 3, 2, 5, 4, 5, 3, 4, 2, 0, 5,

5, 8, 0, 5, 4, 1, 8, 2, 1, 7, 7, 4, 5, 9, 0, 0, 0, 7, 6, 3, 7, 2, 2, 7,

1, 6, 2, 8, 1, 0, 3, 9, 8, 0, 9, 1, 0, 5, 1, 0, 5, 4, 9, 9, 9, 9, 1, 4,

6, 0, 4, 8, 7, 2, 0, 7, 6, 1, 5, 4, 2, 8, 6, 5, 8, 6, 8, 7, 2, 8, 9, 4,

0, 9, 0, 9, 4, 2, 4, 4], device='cuda:0')

labels\_pred\_max[2] == labels[2] : tensor([5], device='cuda:0') | tensor(5, device='cuda:0')

count\_wrong: 1

labels\_pred\_max[i].shape & type : tensor([0], device='cuda:0') | <class 'torch.Tensor'>

labels\_pred\_max[i] : tensor([0], device='cuda:0')

labels[i].shape & type : torch.Size([]) | <class 'torch.Tensor'>

labels[i]: tensor(2, device='cuda:0')

labels[i].item(): 2

type(labels[i].item()): <class 'int'>

labels\_pred\_max[i].item(): 0

type(labels\_pred\_max[i].item()): <class 'int'>

count\_wrong: 2

labels\_pred\_max[i].shape & type : tensor([9], device='cuda:0') | <class 'torch.Tensor'>

labels\_pred\_max[i] : tensor([9], device='cuda:0')

labels[i].shape & type : torch.Size([]) | <class 'torch.Tensor'>

labels[i]: tensor(7, device='cuda:0')

labels[i].item(): 7

type(labels[i].item()): <class 'int'>

labels\_pred\_max[i].item(): 9

type(labels\_pred\_max[i].item()): <class 'int'>

count\_wrong: 3

labels\_pred\_max[i].shape & type : tensor([3], device='cuda:0') | <class 'torch.Tensor'>

labels\_pred\_max[i] : tensor([3], device='cuda:0')

labels[i].shape & type : torch.Size([]) | <class 'torch.Tensor'>

labels[i]: tensor(5, device='cuda:0')

labels[i].item(): 5

type(labels[i].item()): <class 'int'>

labels\_pred\_max[i].item(): 3

type(labels\_pred\_max[i].item()): <class 'int'>

count\_wrong: 4

labels\_pred\_max[i].shape & type : tensor([9], device='cuda:0') | <class 'torch.Tensor'>

labels\_pred\_max[i] : tensor([9], device='cuda:0')

labels[i].shape & type : torch.Size([]) | <class 'torch.Tensor'>

labels[i]: tensor(3, device='cuda:0')

labels[i].item(): 3

type(labels[i].item()): <class 'int'>

labels\_pred\_max[i].item(): 9

type(labels\_pred\_max[i].item()): <class 'int'>

count\_wrong: 5

labels\_pred\_max[i].shape & type : tensor([8], device='cuda:0') | <class 'torch.Tensor'>

labels\_pred\_max[i] : tensor([8], device='cuda:0')

labels[i].shape & type : torch.Size([]) | <class 'torch.Tensor'>

labels[i]: tensor(5, device='cuda:0')

labels[i].item(): 5

type(labels[i].item()): <class 'int'>

labels\_pred\_max[i].item(): 8

type(labels\_pred\_max[i].item()): <class 'int'>

---------------------------------------------------------------------------

ValueError Traceback (most recent call last)

[<ipython-input-14-8cb08499477c>](https://localhost:8080/) in <module>()

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