D:\Python3.11.5\python.exe D:\test\_cuda\deng\pop\_cifar10.py

Files already downloaded and verified

Files already downloaded and verified

D:\Python3.11.5\Lib\site-packages\torchvision\models\\_utils.py:208: UserWarning: The parameter 'pretrained' is deprecated since 0.13 and may be removed in the future, please use 'weights' instead.

warnings.warn(

D:\Python3.11.5\Lib\site-packages\torchvision\models\\_utils.py:223: UserWarning: Arguments other than a weight enum or `None` for 'weights' are deprecated since 0.13 and may be removed in the future. The current behavior is equivalent to passing `weights=None`.

warnings.warn(msg)

Epoch 1: 100%|██████████| 391/391 [00:30<00:00, 12.72it/s]

Epoch 2: 0%| | 0/391 [00:00<?, ?it/s]Epoch 1: Loss=1.7605, Test Accuracy=42.74%

Epoch 2: 100%|██████████| 391/391 [00:26<00:00, 14.87it/s]

Epoch 3: 0%| | 0/391 [00:00<?, ?it/s]Epoch 2: Loss=1.4518, Test Accuracy=45.28%

Epoch 3: 100%|██████████| 391/391 [00:27<00:00, 14.37it/s]

Epoch 3: Loss=1.2784, Test Accuracy=59.40%

Epoch 4: 100%|██████████| 391/391 [00:28<00:00, 13.63it/s]

Epoch 5: 0%| | 0/391 [00:00<?, ?it/s]Epoch 4: Loss=1.0825, Test Accuracy=62.09%

Epoch 5: 100%|██████████| 391/391 [00:29<00:00, 13.36it/s]

Epoch 5: Loss=0.9341, Test Accuracy=68.01%

Epoch 6: 100%|██████████| 391/391 [00:29<00:00, 13.07it/s]

Epoch 7: 0%| | 0/391 [00:00<?, ?it/s]Epoch 6: Loss=0.8222, Test Accuracy=69.43%

Epoch 7: 100%|██████████| 391/391 [00:30<00:00, 12.67it/s]

Epoch 8: 0%| | 0/391 [00:00<?, ?it/s]Epoch 7: Loss=0.7349, Test Accuracy=74.28%

Epoch 8: 100%|██████████| 391/391 [00:31<00:00, 12.39it/s]

Epoch 9: 0%| | 0/391 [00:00<?, ?it/s]Epoch 8: Loss=0.6583, Test Accuracy=76.95%

Epoch 9: 100%|██████████| 391/391 [00:32<00:00, 12.19it/s]

Epoch 9: Loss=0.5811, Test Accuracy=75.91%

Epoch 10: 100%|██████████| 391/391 [00:32<00:00, 12.04it/s]

Epoch 11: 0%| | 0/391 [00:00<?, ?it/s]Epoch 10: Loss=0.5234, Test Accuracy=78.86%

Epoch 11: 100%|██████████| 391/391 [00:32<00:00, 11.99it/s]

Epoch 12: 0%| | 0/391 [00:00<?, ?it/s]Epoch 11: Loss=0.4790, Test Accuracy=80.83%

Epoch 12: 100%|██████████| 391/391 [00:33<00:00, 11.69it/s]

Epoch 13: 0%| | 0/391 [00:00<?, ?it/s]Epoch 12: Loss=0.4283, Test Accuracy=80.49%

Epoch 13: 100%|██████████| 391/391 [00:33<00:00, 11.58it/s]

Epoch 14: 0%| | 0/391 [00:00<?, ?it/s]Epoch 13: Loss=0.3890, Test Accuracy=81.16%

Epoch 14: 100%|██████████| 391/391 [00:34<00:00, 11.49it/s]

Epoch 15: 0%| | 0/391 [00:00<?, ?it/s]Epoch 14: Loss=0.3684, Test Accuracy=82.03%

Epoch 15: 100%|██████████| 391/391 [00:34<00:00, 11.43it/s]

Epoch 15: Loss=0.3383, Test Accuracy=82.04%

Epoch 16: 100%|██████████| 391/391 [00:34<00:00, 11.23it/s]

Epoch 17: 0%| | 0/391 [00:00<?, ?it/s]Epoch 16: Loss=0.3119, Test Accuracy=82.07%

Epoch 17: 100%|██████████| 391/391 [00:35<00:00, 11.15it/s]

Epoch 18: 0%| | 0/391 [00:00<?, ?it/s]Epoch 17: Loss=0.3030, Test Accuracy=80.12%

Epoch 18: 100%|██████████| 391/391 [00:34<00:00, 11.20it/s]

Epoch 19: 0%| | 0/391 [00:00<?, ?it/s]Epoch 18: Loss=0.2786, Test Accuracy=83.17%

Epoch 19: 100%|██████████| 391/391 [00:35<00:00, 11.10it/s]

Epoch 20: 0%| | 0/391 [00:00<?, ?it/s]Epoch 19: Loss=0.2650, Test Accuracy=83.08%

Epoch 20: 100%|██████████| 391/391 [00:35<00:00, 11.03it/s]

Epoch 21: 0%| | 0/391 [00:00<?, ?it/s]Epoch 20: Loss=0.2639, Test Accuracy=83.39%

Epoch 21: 100%|██████████| 391/391 [00:35<00:00, 11.07it/s]

Epoch 22: 0%| | 0/391 [00:00<?, ?it/s]Epoch 21: Loss=0.2580, Test Accuracy=82.62%

Epoch 22: 100%|██████████| 391/391 [00:35<00:00, 11.02it/s]

Epoch 22: Loss=0.2423, Test Accuracy=83.40%

Epoch 23: 100%|██████████| 391/391 [00:35<00:00, 11.08it/s]

Epoch 23: Loss=0.2456, Test Accuracy=82.93%

Epoch 24: 100%|██████████| 391/391 [00:35<00:00, 11.02it/s]

Epoch 25: 0%| | 0/391 [00:00<?, ?it/s]Epoch 24: Loss=0.2348, Test Accuracy=84.36%

Epoch 25: 100%|██████████| 391/391 [00:35<00:00, 10.99it/s]

Epoch 26: 0%| | 0/391 [00:00<?, ?it/s]Epoch 25: Loss=0.2266, Test Accuracy=83.97%

Epoch 26: 100%|██████████| 391/391 [00:35<00:00, 11.01it/s]

Epoch 26: Loss=0.2248, Test Accuracy=84.50%

Epoch 27: 100%|██████████| 391/391 [00:35<00:00, 10.98it/s]

Epoch 28: 0%| | 0/391 [00:00<?, ?it/s]Epoch 27: Loss=0.2235, Test Accuracy=83.65%

Epoch 28: 100%|██████████| 391/391 [00:35<00:00, 10.93it/s]

Epoch 29: 0%| | 0/391 [00:00<?, ?it/s]Epoch 28: Loss=0.2161, Test Accuracy=83.55%

Epoch 29: 100%|██████████| 391/391 [00:35<00:00, 10.97it/s]

Epoch 30: 0%| | 0/391 [00:00<?, ?it/s]Epoch 29: Loss=0.2214, Test Accuracy=84.15%

Epoch 30: 100%|██████████| 391/391 [00:35<00:00, 10.92it/s]

Epoch 30: Loss=0.2116, Test Accuracy=84.39%

Epoch 31: 100%|██████████| 391/391 [00:35<00:00, 10.90it/s]

Epoch 32: 0%| | 0/391 [00:00<?, ?it/s]Epoch 31: Loss=0.2139, Test Accuracy=84.04%

Epoch 32: 100%|██████████| 391/391 [00:35<00:00, 10.93it/s]

Epoch 33: 0%| | 0/391 [00:00<?, ?it/s]Epoch 32: Loss=0.2142, Test Accuracy=84.59%

Epoch 33: 100%|██████████| 391/391 [00:36<00:00, 10.74it/s]

Epoch 34: 0%| | 0/391 [00:00<?, ?it/s]Epoch 33: Loss=0.2071, Test Accuracy=84.68%

Epoch 34: 100%|██████████| 391/391 [00:35<00:00, 10.98it/s]

Epoch 35: 0%| | 0/391 [00:00<?, ?it/s]Epoch 34: Loss=0.2047, Test Accuracy=85.10%

Epoch 35: 100%|██████████| 391/391 [00:35<00:00, 10.91it/s]

Epoch 36: 0%| | 0/391 [00:00<?, ?it/s]Epoch 35: Loss=0.2045, Test Accuracy=85.09%

Epoch 36: 100%|██████████| 391/391 [00:36<00:00, 10.77it/s]

Epoch 37: 0%| | 0/391 [00:00<?, ?it/s]Epoch 36: Loss=0.2014, Test Accuracy=84.57%

Epoch 37: 100%|██████████| 391/391 [00:35<00:00, 10.93it/s]

Epoch 38: 0%| | 0/391 [00:00<?, ?it/s]Epoch 37: Loss=0.2046, Test Accuracy=84.35%

Epoch 38: 100%|██████████| 391/391 [00:35<00:00, 10.94it/s]

Epoch 39: 0%| | 0/391 [00:00<?, ?it/s]Epoch 38: Loss=0.2061, Test Accuracy=84.23%

Epoch 39: 100%|██████████| 391/391 [00:35<00:00, 10.91it/s]

Epoch 40: 0%| | 0/391 [00:00<?, ?it/s]Epoch 39: Loss=0.1983, Test Accuracy=84.23%

Epoch 40: 100%|██████████| 391/391 [00:35<00:00, 10.95it/s]

Epoch 41: 0%| | 0/391 [00:00<?, ?it/s]Epoch 40: Loss=0.2083, Test Accuracy=84.94%

Epoch 41: 100%|██████████| 391/391 [00:35<00:00, 10.86it/s]

Epoch 42: 0%| | 0/391 [00:00<?, ?it/s]Epoch 41: Loss=0.1913, Test Accuracy=84.04%

Epoch 42: 100%|██████████| 391/391 [00:36<00:00, 10.77it/s]

Epoch 43: 0%| | 0/391 [00:00<?, ?it/s]Epoch 42: Loss=0.2041, Test Accuracy=85.43%

Epoch 43: 100%|██████████| 391/391 [00:34<00:00, 11.29it/s]

Epoch 43: Loss=0.1911, Test Accuracy=85.31%

Epoch 44: 100%|██████████| 391/391 [00:35<00:00, 10.92it/s]

Epoch 45: 0%| | 0/391 [00:00<?, ?it/s]Epoch 44: Loss=0.1895, Test Accuracy=84.73%

Epoch 45: 100%|██████████| 391/391 [00:36<00:00, 10.82it/s]

Epoch 46: 0%| | 0/391 [00:00<?, ?it/s]Epoch 45: Loss=0.1855, Test Accuracy=84.69%

Epoch 46: 100%|██████████| 391/391 [00:35<00:00, 10.98it/s]

Epoch 47: 0%| | 0/391 [00:00<?, ?it/s]Epoch 46: Loss=0.2018, Test Accuracy=84.97%

Epoch 47: 100%|██████████| 391/391 [00:35<00:00, 10.96it/s]

Epoch 48: 0%| | 0/391 [00:00<?, ?it/s]Epoch 47: Loss=0.1967, Test Accuracy=85.42%

Epoch 48: 100%|██████████| 391/391 [00:35<00:00, 10.97it/s]

Epoch 49: 0%| | 0/391 [00:00<?, ?it/s]Epoch 48: Loss=0.1910, Test Accuracy=85.89%

Epoch 49: 100%|██████████| 391/391 [00:35<00:00, 10.99it/s]

Epoch 50: 0%| | 0/391 [00:00<?, ?it/s]Epoch 49: Loss=0.1973, Test Accuracy=85.16%

Epoch 50: 100%|██████████| 391/391 [00:35<00:00, 10.91it/s]

Epoch 51: 0%| | 0/391 [00:00<?, ?it/s]Epoch 50: Loss=0.1845, Test Accuracy=84.84%

Epoch 51: 100%|██████████| 391/391 [00:35<00:00, 10.97it/s]

Epoch 51: Loss=0.1942, Test Accuracy=84.40%

Epoch 52: 100%|██████████| 391/391 [00:36<00:00, 10.83it/s]

Epoch 52: Loss=0.2026, Test Accuracy=84.21%

Epoch 53: 100%|██████████| 391/391 [00:35<00:00, 10.97it/s]

Epoch 54: 0%| | 0/391 [00:00<?, ?it/s]Epoch 53: Loss=0.1857, Test Accuracy=85.22%

Epoch 54: 100%|██████████| 391/391 [00:35<00:00, 10.92it/s]

Epoch 55: 0%| | 0/391 [00:00<?, ?it/s]Epoch 54: Loss=0.1838, Test Accuracy=85.10%

Epoch 55: 100%|██████████| 391/391 [00:35<00:00, 10.87it/s]

Epoch 56: 0%| | 0/391 [00:00<?, ?it/s]Epoch 55: Loss=0.1896, Test Accuracy=84.01%

Epoch 56: 100%|██████████| 391/391 [00:35<00:00, 10.86it/s]

Epoch 56: Loss=0.1857, Test Accuracy=85.22%

Epoch 57: 100%|██████████| 391/391 [00:36<00:00, 10.84it/s]

Epoch 58: 0%| | 0/391 [00:00<?, ?it/s]Epoch 57: Loss=0.1874, Test Accuracy=83.80%

Epoch 58: 100%|██████████| 391/391 [00:36<00:00, 10.79it/s]

Epoch 59: 0%| | 0/391 [00:00<?, ?it/s]Epoch 58: Loss=0.1845, Test Accuracy=85.12%

Epoch 59: 100%|██████████| 391/391 [00:36<00:00, 10.84it/s]

Epoch 60: 0%| | 0/391 [00:00<?, ?it/s]Epoch 59: Loss=0.1880, Test Accuracy=86.19%

Epoch 60: 100%|██████████| 391/391 [00:35<00:00, 10.92it/s]

Epoch 61: 0%| | 0/391 [00:00<?, ?it/s]Epoch 60: Loss=0.1846, Test Accuracy=84.32%

Epoch 61: 100%|██████████| 391/391 [00:36<00:00, 10.78it/s]

Epoch 62: 0%| | 0/391 [00:00<?, ?it/s]Epoch 61: Loss=0.1863, Test Accuracy=85.51%

Epoch 62: 100%|██████████| 391/391 [00:36<00:00, 10.81it/s]

Epoch 63: 0%| | 0/391 [00:00<?, ?it/s]Epoch 62: Loss=0.1812, Test Accuracy=84.13%

Epoch 63: 100%|██████████| 391/391 [00:36<00:00, 10.82it/s]

Epoch 63: Loss=0.1852, Test Accuracy=85.06%

Epoch 64: 100%|██████████| 391/391 [00:35<00:00, 10.87it/s]

Epoch 65: 0%| | 0/391 [00:00<?, ?it/s]Epoch 64: Loss=0.1764, Test Accuracy=85.03%

Epoch 65: 100%|██████████| 391/391 [00:36<00:00, 10.82it/s]

Epoch 66: 0%| | 0/391 [00:00<?, ?it/s]Epoch 65: Loss=0.1864, Test Accuracy=85.79%

Epoch 66: 100%|██████████| 391/391 [00:36<00:00, 10.72it/s]

Epoch 66: Loss=0.1843, Test Accuracy=85.27%

Epoch 67: 100%|██████████| 391/391 [00:36<00:00, 10.70it/s]

Epoch 68: 0%| | 0/391 [00:00<?, ?it/s]Epoch 67: Loss=0.1849, Test Accuracy=85.50%

Epoch 68: 100%|██████████| 391/391 [00:36<00:00, 10.76it/s]

Epoch 68: Loss=0.1793, Test Accuracy=84.60%

Epoch 69: 100%|██████████| 391/391 [00:36<00:00, 10.76it/s]

Epoch 70: 0%| | 0/391 [00:00<?, ?it/s]Epoch 69: Loss=0.1846, Test Accuracy=85.96%

Epoch 70: 100%|██████████| 391/391 [00:36<00:00, 10.69it/s]

Epoch 71: 0%| | 0/391 [00:00<?, ?it/s]Epoch 70: Loss=0.1772, Test Accuracy=84.37%

Epoch 71: 100%|██████████| 391/391 [00:36<00:00, 10.81it/s]

Epoch 72: 0%| | 0/391 [00:00<?, ?it/s]Epoch 71: Loss=0.1759, Test Accuracy=84.70%

Epoch 72: 100%|██████████| 391/391 [00:36<00:00, 10.75it/s]

Epoch 73: 0%| | 0/391 [00:00<?, ?it/s]Epoch 72: Loss=0.1853, Test Accuracy=85.93%

Epoch 73: 100%|██████████| 391/391 [00:36<00:00, 10.77it/s]

Epoch 74: 0%| | 0/391 [00:00<?, ?it/s]Epoch 73: Loss=0.1767, Test Accuracy=84.06%

Epoch 74: 100%|██████████| 391/391 [00:36<00:00, 10.82it/s]

Epoch 75: 0%| | 0/391 [00:00<?, ?it/s]Epoch 74: Loss=0.1762, Test Accuracy=86.96%

Epoch 75: 100%|██████████| 391/391 [00:36<00:00, 10.74it/s]

Epoch 76: 0%| | 0/391 [00:00<?, ?it/s]Epoch 75: Loss=0.1671, Test Accuracy=85.28%

Epoch 76: 100%|██████████| 391/391 [00:36<00:00, 10.83it/s]

Epoch 76: Loss=0.1858, Test Accuracy=84.43%

Epoch 77: 100%|██████████| 391/391 [00:36<00:00, 10.82it/s]

Epoch 78: 0%| | 0/391 [00:00<?, ?it/s]Epoch 77: Loss=0.1744, Test Accuracy=85.13%

Epoch 78: 100%|██████████| 391/391 [00:36<00:00, 10.71it/s]

Epoch 78: Loss=0.1782, Test Accuracy=85.24%

Epoch 79: 100%|██████████| 391/391 [00:36<00:00, 10.83it/s]

Epoch 80: 0%| | 0/391 [00:00<?, ?it/s]Epoch 79: Loss=0.1805, Test Accuracy=85.80%

Epoch 80: 100%|██████████| 391/391 [00:36<00:00, 10.81it/s]

Epoch 81: 0%| | 0/391 [00:00<?, ?it/s]Epoch 80: Loss=0.1772, Test Accuracy=84.91%

Epoch 81: 100%|██████████| 391/391 [00:36<00:00, 10.79it/s]

Epoch 82: 0%| | 0/391 [00:00<?, ?it/s]Epoch 81: Loss=0.1780, Test Accuracy=84.92%

Epoch 82: 100%|██████████| 391/391 [00:36<00:00, 10.74it/s]

Epoch 83: 0%| | 0/391 [00:00<?, ?it/s]Epoch 82: Loss=0.1786, Test Accuracy=85.06%

Epoch 83: 100%|██████████| 391/391 [00:36<00:00, 10.66it/s]

Epoch 84: 0%| | 0/391 [00:00<?, ?it/s]Epoch 83: Loss=0.1701, Test Accuracy=86.19%

Epoch 84: 100%|██████████| 391/391 [00:35<00:00, 10.86it/s]

Epoch 84: Loss=0.1866, Test Accuracy=86.14%

Epoch 85: 100%|██████████| 391/391 [00:35<00:00, 10.87it/s]

Epoch 85: Loss=0.1712, Test Accuracy=84.77%

Epoch 86: 100%|██████████| 391/391 [00:36<00:00, 10.79it/s]

Epoch 87: 0%| | 0/391 [00:00<?, ?it/s]Epoch 86: Loss=0.1744, Test Accuracy=85.95%

Epoch 87: 100%|██████████| 391/391 [00:35<00:00, 10.92it/s]

Epoch 88: 0%| | 0/391 [00:00<?, ?it/s]Epoch 87: Loss=0.1728, Test Accuracy=85.92%

Epoch 88: 100%|██████████| 391/391 [00:35<00:00, 10.92it/s]

Epoch 89: 0%| | 0/391 [00:00<?, ?it/s]Epoch 88: Loss=0.1743, Test Accuracy=85.69%

Epoch 89: 100%|██████████| 391/391 [00:35<00:00, 11.00it/s]

Epoch 89: Loss=0.1783, Test Accuracy=85.84%

Epoch 90: 100%|██████████| 391/391 [00:36<00:00, 10.84it/s]

Epoch 91: 0%| | 0/391 [00:00<?, ?it/s]Epoch 90: Loss=0.1684, Test Accuracy=85.31%

Epoch 91: 100%|██████████| 391/391 [00:35<00:00, 10.89it/s]

Epoch 92: 0%| | 0/391 [00:00<?, ?it/s]Epoch 91: Loss=0.1784, Test Accuracy=86.15%

Epoch 92: 100%|██████████| 391/391 [00:35<00:00, 10.89it/s]

Epoch 93: 0%| | 0/391 [00:00<?, ?it/s]Epoch 92: Loss=0.1682, Test Accuracy=86.85%

Epoch 93: 100%|██████████| 391/391 [00:35<00:00, 10.91it/s]

Epoch 93: Loss=0.1784, Test Accuracy=84.88%

Epoch 94: 100%|██████████| 391/391 [00:35<00:00, 10.87it/s]

Epoch 95: 0%| | 0/391 [00:00<?, ?it/s]Epoch 94: Loss=0.1700, Test Accuracy=85.51%

Epoch 95: 100%|██████████| 391/391 [00:35<00:00, 10.93it/s]

Epoch 95: Loss=0.1776, Test Accuracy=86.10%

Epoch 96: 100%|██████████| 391/391 [00:35<00:00, 10.93it/s]

Epoch 97: 0%| | 0/391 [00:00<?, ?it/s]Epoch 96: Loss=0.1767, Test Accuracy=86.20%

Epoch 97: 100%|██████████| 391/391 [00:35<00:00, 11.06it/s]

Epoch 98: 0%| | 0/391 [00:00<?, ?it/s]Epoch 97: Loss=0.1747, Test Accuracy=85.12%

Epoch 98: 100%|██████████| 391/391 [00:35<00:00, 10.92it/s]

Epoch 99: 0%| | 0/391 [00:00<?, ?it/s]Epoch 98: Loss=0.1762, Test Accuracy=86.55%

Epoch 99: 100%|██████████| 391/391 [00:35<00:00, 10.88it/s]

Epoch 99: Loss=0.1661, Test Accuracy=86.01%

Epoch 100: 100%|██████████| 391/391 [00:35<00:00, 10.86it/s]

Epoch 100: Loss=0.1796, Test Accuracy=87.05%

Epoch 101: 100%|██████████| 391/391 [00:36<00:00, 10.85it/s]

Epoch 102: 0%| | 0/391 [00:00<?, ?it/s]Epoch 101: Loss=0.1581, Test Accuracy=85.53%

Epoch 102: 100%|██████████| 391/391 [00:35<00:00, 10.93it/s]

Epoch 103: 0%| | 0/391 [00:00<?, ?it/s]Epoch 102: Loss=0.1810, Test Accuracy=86.62%

Epoch 103: 100%|██████████| 391/391 [00:35<00:00, 10.91it/s]

Epoch 104: 0%| | 0/391 [00:00<?, ?it/s]Epoch 103: Loss=0.1741, Test Accuracy=86.09%

Epoch 104: 100%|██████████| 391/391 [00:35<00:00, 10.87it/s]

Epoch 105: 0%| | 0/391 [00:00<?, ?it/s]Epoch 104: Loss=0.1778, Test Accuracy=86.11%

Epoch 105: 100%|██████████| 391/391 [00:35<00:00, 10.86it/s]

Epoch 106: 0%| | 0/391 [00:00<?, ?it/s]Epoch 105: Loss=0.1685, Test Accuracy=85.90%

Epoch 106: 100%|██████████| 391/391 [00:35<00:00, 10.91it/s]

Epoch 107: 0%| | 0/391 [00:00<?, ?it/s]Epoch 106: Loss=0.1730, Test Accuracy=85.89%

Epoch 107: 100%|██████████| 391/391 [00:35<00:00, 10.88it/s]

Epoch 108: 0%| | 0/391 [00:00<?, ?it/s]Epoch 107: Loss=0.1662, Test Accuracy=85.92%

Epoch 108: 100%|██████████| 391/391 [00:35<00:00, 10.89it/s]

Epoch 109: 0%| | 0/391 [00:00<?, ?it/s]Epoch 108: Loss=0.1668, Test Accuracy=86.36%

Epoch 109: 100%|██████████| 391/391 [00:36<00:00, 10.81it/s]

Epoch 109: Loss=0.1682, Test Accuracy=86.75%

Epoch 110: 100%|██████████| 391/391 [00:35<00:00, 10.86it/s]

Epoch 111: 0%| | 0/391 [00:00<?, ?it/s]Epoch 110: Loss=0.1729, Test Accuracy=86.23%

Epoch 111: 100%|██████████| 391/391 [00:35<00:00, 10.92it/s]

Epoch 112: 0%| | 0/391 [00:00<?, ?it/s]Epoch 111: Loss=0.1692, Test Accuracy=85.92%

Epoch 112: 100%|██████████| 391/391 [00:35<00:00, 10.95it/s]

Epoch 113: 0%| | 0/391 [00:00<?, ?it/s]Epoch 112: Loss=0.1667, Test Accuracy=84.16%

Epoch 113: 100%|██████████| 391/391 [00:36<00:00, 10.74it/s]

Epoch 114: 0%| | 0/391 [00:00<?, ?it/s]Epoch 113: Loss=0.1720, Test Accuracy=83.43%

Epoch 114: 100%|██████████| 391/391 [00:35<00:00, 10.96it/s]

Epoch 115: 0%| | 0/391 [00:00<?, ?it/s]Epoch 114: Loss=0.1810, Test Accuracy=85.66%

Epoch 115: 100%|██████████| 391/391 [00:35<00:00, 10.88it/s]

Epoch 116: 0%| | 0/391 [00:00<?, ?it/s]Epoch 115: Loss=0.1698, Test Accuracy=85.76%

Epoch 116: 100%|██████████| 391/391 [00:36<00:00, 10.81it/s]

Epoch 116: Loss=0.1638, Test Accuracy=87.12%

Epoch 117: 100%|██████████| 391/391 [00:35<00:00, 10.89it/s]

Epoch 118: 0%| | 0/391 [00:00<?, ?it/s]Epoch 117: Loss=0.1731, Test Accuracy=85.47%

Epoch 118: 100%|██████████| 391/391 [00:35<00:00, 10.94it/s]

Epoch 118: Loss=0.1728, Test Accuracy=86.85%

Epoch 119: 100%|██████████| 391/391 [00:35<00:00, 10.87it/s]

Epoch 120: 0%| | 0/391 [00:00<?, ?it/s]Epoch 119: Loss=0.1603, Test Accuracy=85.73%

Epoch 120: 100%|██████████| 391/391 [00:35<00:00, 10.90it/s]

Epoch 121: 0%| | 0/391 [00:00<?, ?it/s]Epoch 120: Loss=0.1656, Test Accuracy=86.67%

Epoch 121: 100%|██████████| 391/391 [00:35<00:00, 10.90it/s]

Epoch 122: 0%| | 0/391 [00:00<?, ?it/s]Epoch 121: Loss=0.1657, Test Accuracy=85.43%

Epoch 122: 100%|██████████| 391/391 [00:35<00:00, 10.94it/s]

Epoch 123: 0%| | 0/391 [00:00<?, ?it/s]Epoch 122: Loss=0.1715, Test Accuracy=85.80%

Epoch 123: 100%|██████████| 391/391 [00:35<00:00, 10.89it/s]

Epoch 124: 0%| | 0/391 [00:00<?, ?it/s]Epoch 123: Loss=0.1649, Test Accuracy=86.25%

Epoch 124: 100%|██████████| 391/391 [00:36<00:00, 10.80it/s]

Epoch 125: 0%| | 0/391 [00:00<?, ?it/s]Epoch 124: Loss=0.1742, Test Accuracy=86.25%

Epoch 125: 100%|██████████| 391/391 [00:35<00:00, 10.88it/s]

Epoch 125: Loss=0.1723, Test Accuracy=85.37%

Epoch 126: 100%|██████████| 391/391 [00:35<00:00, 10.88it/s]

Epoch 126: Loss=0.1647, Test Accuracy=86.71%

Epoch 127: 100%|██████████| 391/391 [00:36<00:00, 10.80it/s]

Epoch 128: 0%| | 0/391 [00:00<?, ?it/s]Epoch 127: Loss=0.1731, Test Accuracy=86.38%

Epoch 128: 100%|██████████| 391/391 [00:36<00:00, 10.80it/s]

Epoch 129: 0%| | 0/391 [00:00<?, ?it/s]Epoch 128: Loss=0.1600, Test Accuracy=86.52%

Epoch 129: 100%|██████████| 391/391 [00:36<00:00, 10.75it/s]

Epoch 129: Loss=0.1698, Test Accuracy=85.78%

Epoch 130: 100%|██████████| 391/391 [00:35<00:00, 10.87it/s]

Epoch 131: 0%| | 0/391 [00:00<?, ?it/s]Epoch 130: Loss=0.1707, Test Accuracy=86.26%

Epoch 131: 100%|██████████| 391/391 [00:36<00:00, 10.86it/s]

Epoch 132: 0%| | 0/391 [00:00<?, ?it/s]Epoch 131: Loss=0.1676, Test Accuracy=86.01%

Epoch 132: 100%|██████████| 391/391 [00:35<00:00, 10.89it/s]

Epoch 133: 0%| | 0/391 [00:00<?, ?it/s]Epoch 132: Loss=0.1623, Test Accuracy=86.00%

Epoch 133: 100%|██████████| 391/391 [00:35<00:00, 10.90it/s]

Epoch 134: 0%| | 0/391 [00:00<?, ?it/s]Epoch 133: Loss=0.1717, Test Accuracy=85.92%

Epoch 134: 100%|██████████| 391/391 [00:36<00:00, 10.82it/s]

Epoch 135: 0%| | 0/391 [00:00<?, ?it/s]Epoch 134: Loss=0.1644, Test Accuracy=86.30%

Epoch 135: 100%|██████████| 391/391 [00:36<00:00, 10.81it/s]

Epoch 136: 0%| | 0/391 [00:00<?, ?it/s]Epoch 135: Loss=0.1650, Test Accuracy=86.44%

Epoch 136: 100%|██████████| 391/391 [00:35<00:00, 10.90it/s]

Epoch 137: 0%| | 0/391 [00:00<?, ?it/s]Epoch 136: Loss=0.1641, Test Accuracy=86.29%

Epoch 137: 100%|██████████| 391/391 [00:35<00:00, 10.88it/s]

Epoch 137: Loss=0.1616, Test Accuracy=85.42%

Epoch 138: 100%|██████████| 391/391 [00:35<00:00, 10.87it/s]

Epoch 138: Loss=0.1634, Test Accuracy=86.06%

Epoch 139: 100%|██████████| 391/391 [00:36<00:00, 10.84it/s]

Epoch 140: 0%| | 0/391 [00:00<?, ?it/s]Epoch 139: Loss=0.1576, Test Accuracy=85.40%

Epoch 140: 100%|██████████| 391/391 [00:35<00:00, 10.86it/s]

Epoch 140: Loss=0.1653, Test Accuracy=85.80%

Epoch 141: 100%|██████████| 391/391 [00:35<00:00, 10.90it/s]

Epoch 142: 0%| | 0/391 [00:00<?, ?it/s]Epoch 141: Loss=0.1695, Test Accuracy=84.31%

Epoch 142: 100%|██████████| 391/391 [00:36<00:00, 10.83it/s]

Epoch 143: 0%| | 0/391 [00:00<?, ?it/s]Epoch 142: Loss=0.1725, Test Accuracy=85.56%

Epoch 143: 100%|██████████| 391/391 [00:36<00:00, 10.82it/s]

Epoch 143: Loss=0.1583, Test Accuracy=87.01%

Epoch 144: 100%|██████████| 391/391 [00:36<00:00, 10.82it/s]

Epoch 145: 0%| | 0/391 [00:00<?, ?it/s]Epoch 144: Loss=0.1624, Test Accuracy=86.34%

Epoch 145: 100%|██████████| 391/391 [00:36<00:00, 10.80it/s]

Epoch 146: 0%| | 0/391 [00:00<?, ?it/s]Epoch 145: Loss=0.1654, Test Accuracy=86.38%

Epoch 146: 100%|██████████| 391/391 [00:36<00:00, 10.86it/s]

Epoch 147: 0%| | 0/391 [00:00<?, ?it/s]Epoch 146: Loss=0.1680, Test Accuracy=85.79%

Epoch 147: 100%|██████████| 391/391 [00:35<00:00, 10.89it/s]

Epoch 147: Loss=0.1661, Test Accuracy=86.40%

Epoch 148: 100%|██████████| 391/391 [00:36<00:00, 10.64it/s]

Epoch 149: 0%| | 0/391 [00:00<?, ?it/s]Epoch 148: Loss=0.1625, Test Accuracy=85.70%

Epoch 149: 100%|██████████| 391/391 [00:36<00:00, 10.61it/s]

Epoch 149: Loss=0.1581, Test Accuracy=86.72%

Epoch 150: 100%|██████████| 391/391 [00:36<00:00, 10.74it/s]

Epoch 150: Loss=0.1658, Test Accuracy=85.92%

Epoch 151: 100%|██████████| 391/391 [00:36<00:00, 10.71it/s]

Epoch 152: 0%| | 0/391 [00:00<?, ?it/s]Epoch 151: Loss=0.1707, Test Accuracy=86.19%

Epoch 152: 100%|██████████| 391/391 [00:36<00:00, 10.70it/s]

Epoch 153: 0%| | 0/391 [00:00<?, ?it/s]Epoch 152: Loss=0.1689, Test Accuracy=86.55%

Epoch 153: 100%|██████████| 391/391 [00:36<00:00, 10.66it/s]

Epoch 154: 0%| | 0/391 [00:00<?, ?it/s]Epoch 153: Loss=0.1579, Test Accuracy=86.94%

Epoch 154: 100%|██████████| 391/391 [00:36<00:00, 10.68it/s]

Epoch 154: Loss=0.1580, Test Accuracy=84.26%

Epoch 155: 100%|██████████| 391/391 [00:36<00:00, 10.69it/s]

Epoch 156: 0%| | 0/391 [00:00<?, ?it/s]Epoch 155: Loss=0.1661, Test Accuracy=86.78%

Epoch 156: 100%|██████████| 391/391 [00:36<00:00, 10.78it/s]

Epoch 157: 0%| | 0/391 [00:00<?, ?it/s]Epoch 156: Loss=0.1644, Test Accuracy=86.39%

Epoch 157: 100%|██████████| 391/391 [00:36<00:00, 10.68it/s]

Epoch 157: Loss=0.1636, Test Accuracy=86.25%

Epoch 158: 100%|██████████| 391/391 [00:36<00:00, 10.76it/s]

Epoch 158: Loss=0.1658, Test Accuracy=86.55%

Epoch 159: 100%|██████████| 391/391 [00:36<00:00, 10.74it/s]

Epoch 160: 0%| | 0/391 [00:00<?, ?it/s]Epoch 159: Loss=0.1640, Test Accuracy=85.86%

Epoch 160: 100%|██████████| 391/391 [00:36<00:00, 10.68it/s]

Epoch 161: 0%| | 0/391 [00:00<?, ?it/s]Epoch 160: Loss=0.1568, Test Accuracy=86.16%

Epoch 161: 100%|██████████| 391/391 [00:36<00:00, 10.74it/s]

Epoch 161: Loss=0.1669, Test Accuracy=83.84%

Epoch 162: 100%|██████████| 391/391 [00:36<00:00, 10.67it/s]

Epoch 163: 0%| | 0/391 [00:00<?, ?it/s]Epoch 162: Loss=0.1652, Test Accuracy=86.77%

Epoch 163: 100%|██████████| 391/391 [00:36<00:00, 10.73it/s]

Epoch 163: Loss=0.1616, Test Accuracy=85.87%

Epoch 164: 100%|██████████| 391/391 [00:36<00:00, 10.71it/s]

Epoch 165: 0%| | 0/391 [00:00<?, ?it/s]Epoch 164: Loss=0.1634, Test Accuracy=85.93%