Mnist\_original:

Epoch [1/20], Loss: 0.1285

Epoch [2/20], Loss: 0.0308

Epoch [3/20], Loss: 0.0169

Epoch [4/20], Loss: 0.0091

Epoch [5/20], Loss: 0.0045

Epoch [6/20], Loss: 0.0029

Epoch [7/20], Loss: 0.0031

Epoch [8/20], Loss: 0.0049

Epoch [9/20], Loss: 0.0013

Epoch [10/20], Loss: 0.0007

Epoch [11/20], Loss: 0.0006

Epoch [12/20], Loss: 0.0002

Epoch [13/20], Loss: 0.0002

Epoch [14/20], Loss: 0.0001

Epoch [15/20], Loss: 0.0001

Epoch [16/20], Loss: 0.0001

Epoch [17/20], Loss: 0.0001

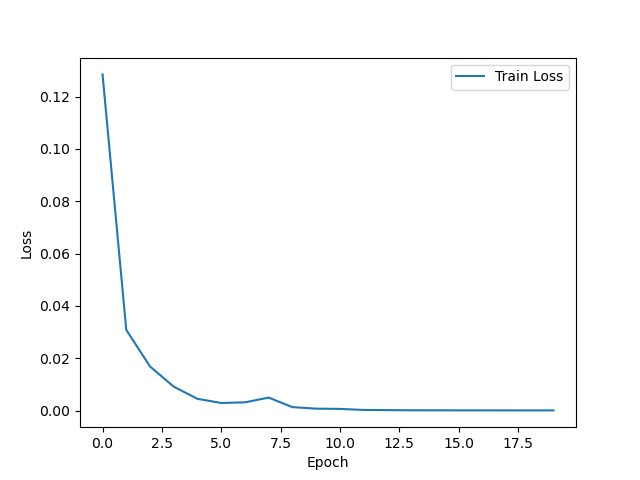
Epoch [18/20], Loss: 0.0001

Epoch [19/20], Loss: 0.0001

Epoch [20/20], Loss: 0.0001

Training finished!

Test Accuracy: 0.99



Mnist\_dis:

D:\Anaconda\envs\pytorch1.13\_py3.7\python.exe D:\gradu1\EE595\lab\ResNet\distributed\mnist\_Main.py

Epoch [1/20], Loss: 0.1199

Epoch [2/20], Loss: 0.0313

Epoch [3/20], Loss: 0.0215

Epoch [4/20], Loss: 0.0143

Epoch [5/20], Loss: 0.0093

Epoch [6/20], Loss: 0.0071

Epoch [7/20], Loss: 0.0051

Epoch [8/20], Loss: 0.0043

Epoch [9/20], Loss: 0.0024

Epoch [10/20], Loss: 0.0025

Epoch [11/20], Loss: 0.0006

Epoch [12/20], Loss: 0.0008

Epoch [13/20], Loss: 0.0010

Epoch [14/20], Loss: 0.0010

Epoch [15/20], Loss: 0.0003

Epoch [16/20], Loss: 0.0002

Epoch [17/20], Loss: 0.0001

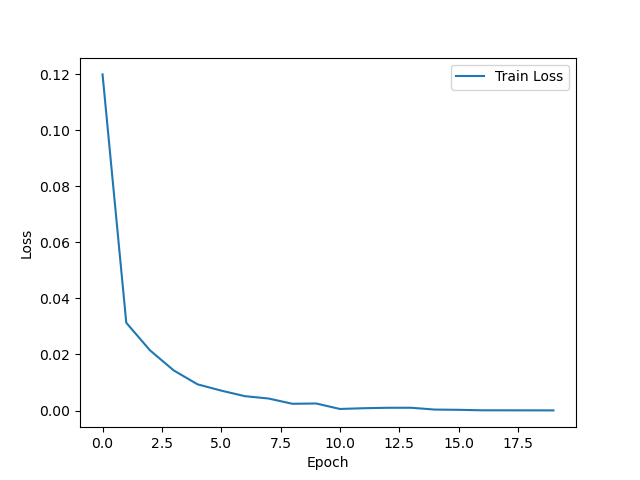
Epoch [18/20], Loss: 0.0001

Epoch [19/20], Loss: 0.0001

Epoch [20/20], Loss: 0.0000

Training finished!

Test Accuracy: 1.00



Cifar100 dist

D:\Anaconda\envs\pytorch1.13\_py3.7\python.exe D:\gradu1\EE595\lab\ResNet\distributed\cifar100\_Main.py

Downloading https://www.cs.toronto.edu/~kriz/cifar-100-python.tar.gz to ./data\cifar-100-python.tar.gz

100.0%

Extracting ./data\cifar-100-python.tar.gz to ./data

Epoch [1/200], Loss: 3.8323

Epoch [2/200], Loss: 3.1945

Epoch [3/200], Loss: 2.8304

Epoch [4/200], Loss: 2.5594

Epoch [5/200], Loss: 2.3454

Epoch [6/200], Loss: 2.1684

Epoch [7/200], Loss: 2.0171

Epoch [8/200], Loss: 1.8979

Epoch [9/200], Loss: 1.7858

Epoch [10/200], Loss: 1.6984

Epoch [11/200], Loss: 1.6001

Epoch [12/200], Loss: 1.5283

Epoch [13/200], Loss: 1.4576

Epoch [14/200], Loss: 1.3884

Epoch [15/200], Loss: 1.3288

Epoch [16/200], Loss: 1.2549

Epoch [17/200], Loss: 1.2143

Epoch [18/200], Loss: 1.1644

Epoch [19/200], Loss: 1.1025

Epoch [20/200], Loss: 1.0592

Epoch [21/200], Loss: 1.0060

Epoch [22/200], Loss: 0.9715

Epoch [23/200], Loss: 0.9288

Epoch [24/200], Loss: 0.8790

Epoch [25/200], Loss: 0.8469

Epoch [26/200], Loss: 0.8136

Epoch [27/200], Loss: 0.7838

Epoch [28/200], Loss: 0.7434

Epoch [29/200], Loss: 0.7069

Epoch [30/200], Loss: 0.6620

Epoch [31/200], Loss: 0.6440

Epoch [32/200], Loss: 0.6103

Epoch [33/200], Loss: 0.5807

Epoch [34/200], Loss: 0.5506

Epoch [35/200], Loss: 0.5173

Epoch [36/200], Loss: 0.5000

Epoch [37/200], Loss: 0.4754

Epoch [38/200], Loss: 0.4474

Epoch [39/200], Loss: 0.4377

Epoch [40/200], Loss: 0.4187

Epoch [41/200], Loss: 0.4049

Epoch [42/200], Loss: 0.3787

Epoch [43/200], Loss: 0.3663

Epoch [44/200], Loss: 0.3473

Epoch [45/200], Loss: 0.3254

Epoch [46/200], Loss: 0.3173

Epoch [47/200], Loss: 0.3007

Epoch [48/200], Loss: 0.2899

Epoch [49/200], Loss: 0.2743

Epoch [50/200], Loss: 0.2597

Epoch [51/200], Loss: 0.2617

Epoch [52/200], Loss: 0.2400

Epoch [53/200], Loss: 0.2387

Epoch [54/200], Loss: 0.2268

Epoch [55/200], Loss: 0.2146

Epoch [56/200], Loss: 0.2107

Epoch [57/200], Loss: 0.1965

Epoch [58/200], Loss: 0.2013

Epoch [59/200], Loss: 0.1922

Epoch [60/200], Loss: 0.1825

Epoch [61/200], Loss: 0.1818

Epoch [62/200], Loss: 0.1597

Epoch [63/200], Loss: 0.1680

Epoch [64/200], Loss: 0.1606

Epoch [65/200], Loss: 0.1569

Epoch [66/200], Loss: 0.1535

Epoch [67/200], Loss: 0.1448

Epoch [68/200], Loss: 0.1444

Epoch [69/200], Loss: 0.1384

Epoch [70/200], Loss: 0.1399

Epoch [71/200], Loss: 0.1308

Epoch [72/200], Loss: 0.1378

Epoch [73/200], Loss: 0.1269

Epoch [74/200], Loss: 0.1189

Epoch [75/200], Loss: 0.1157

Epoch [76/200], Loss: 0.1188

Epoch [77/200], Loss: 0.1126

Epoch [78/200], Loss: 0.1106

Epoch [79/200], Loss: 0.1084

Epoch [80/200], Loss: 0.1065

Epoch [81/200], Loss: 0.1036

Epoch [82/200], Loss: 0.0999

Epoch [83/200], Loss: 0.1049

Epoch [84/200], Loss: 0.0953

Epoch [85/200], Loss: 0.0918

Epoch [86/200], Loss: 0.0877

Epoch [87/200], Loss: 0.0902

Epoch [88/200], Loss: 0.0920

Epoch [89/200], Loss: 0.0828

Epoch [90/200], Loss: 0.0846

Epoch [91/200], Loss: 0.0864

Epoch [92/200], Loss: 0.0800

Epoch [93/200], Loss: 0.0765

Epoch [94/200], Loss: 0.0797

Epoch [95/200], Loss: 0.0720

Epoch [96/200], Loss: 0.0772

Epoch [97/200], Loss: 0.0770

Epoch [98/200], Loss: 0.0732

Epoch [99/200], Loss: 0.0712

Epoch [100/200], Loss: 0.0650

Epoch [101/200], Loss: 0.0686

Epoch [102/200], Loss: 0.0657

Epoch [103/200], Loss: 0.0625

Epoch [104/200], Loss: 0.0616

Epoch [105/200], Loss: 0.0572

Epoch [106/200], Loss: 0.0582

Epoch [107/200], Loss: 0.0605

Epoch [108/200], Loss: 0.0642

Epoch [109/200], Loss: 0.0599

Epoch [110/200], Loss: 0.0593

Epoch [111/200], Loss: 0.0574

Epoch [112/200], Loss: 0.0592

Epoch [113/200], Loss: 0.0560

Epoch [114/200], Loss: 0.0603

Epoch [115/200], Loss: 0.0587

Epoch [116/200], Loss: 0.0463

Epoch [117/200], Loss: 0.0471

Epoch [118/200], Loss: 0.0501

Epoch [119/200], Loss: 0.0474

Epoch [120/200], Loss: 0.0496

Epoch [121/200], Loss: 0.0476

Epoch [122/200], Loss: 0.0450

Epoch [123/200], Loss: 0.0495

Epoch [124/200], Loss: 0.0502

Epoch [125/200], Loss: 0.0524

Epoch [126/200], Loss: 0.0491

Epoch [127/200], Loss: 0.0476

Epoch [128/200], Loss: 0.0435

Epoch [129/200], Loss: 0.0429

Epoch [130/200], Loss: 0.0407

Epoch [131/200], Loss: 0.0443

Epoch [132/200], Loss: 0.0395

Epoch [133/200], Loss: 0.0389

Epoch [134/200], Loss: 0.0380

Epoch [135/200], Loss: 0.0411

Epoch [136/200], Loss: 0.0407

Epoch [137/200], Loss: 0.0418

Epoch [138/200], Loss: 0.0467

Epoch [139/200], Loss: 0.0366

Epoch [140/200], Loss: 0.0370

Epoch [141/200], Loss: 0.0366

Epoch [142/200], Loss: 0.0373

Epoch [143/200], Loss: 0.0384

Epoch [144/200], Loss: 0.0356

Epoch [145/200], Loss: 0.0325

Epoch [146/200], Loss: 0.0323

Epoch [147/200], Loss: 0.0351

Epoch [148/200], Loss: 0.0366

Epoch [149/200], Loss: 0.0349

Epoch [150/200], Loss: 0.0342

Epoch [151/200], Loss: 0.0338

Epoch [152/200], Loss: 0.0336

Epoch [153/200], Loss: 0.0334

Epoch [154/200], Loss: 0.0308

Epoch [155/200], Loss: 0.0307

Epoch [156/200], Loss: 0.0304

Epoch [157/200], Loss: 0.0298

Epoch [158/200], Loss: 0.0293

Epoch [159/200], Loss: 0.0311

Epoch [160/200], Loss: 0.0306

Epoch [161/200], Loss: 0.0310

Epoch [162/200], Loss: 0.0302

Epoch [163/200], Loss: 0.0267

Epoch [164/200], Loss: 0.0247

Epoch [165/200], Loss: 0.0274

Epoch [166/200], Loss: 0.0267

Epoch [167/200], Loss: 0.0275

Epoch [168/200], Loss: 0.0300

Epoch [169/200], Loss: 0.0253

Epoch [170/200], Loss: 0.0284

Epoch [171/200], Loss: 0.0283

Epoch [172/200], Loss: 0.0294

Epoch [173/200], Loss: 0.0263

Epoch [174/200], Loss: 0.0274

Epoch [175/200], Loss: 0.0240

Epoch [176/200], Loss: 0.0245

Epoch [177/200], Loss: 0.0227

Epoch [178/200], Loss: 0.0246

Epoch [179/200], Loss: 0.0243

Epoch [180/200], Loss: 0.0257

Epoch [181/200], Loss: 0.0284

Epoch [182/200], Loss: 0.0260

Epoch [183/200], Loss: 0.0221

Epoch [184/200], Loss: 0.0221

Epoch [185/200], Loss: 0.0220

Epoch [186/200], Loss: 0.0254

Epoch [187/200], Loss: 0.0227

Epoch [188/200], Loss: 0.0207

Epoch [189/200], Loss: 0.0229

Epoch [190/200], Loss: 0.0210

Epoch [191/200], Loss: 0.0194

Epoch [192/200], Loss: 0.0192

Epoch [193/200], Loss: 0.0215

Epoch [194/200], Loss: 0.0227

Epoch [195/200], Loss: 0.0211

Epoch [196/200], Loss: 0.0187

Epoch [197/200], Loss: 0.0202

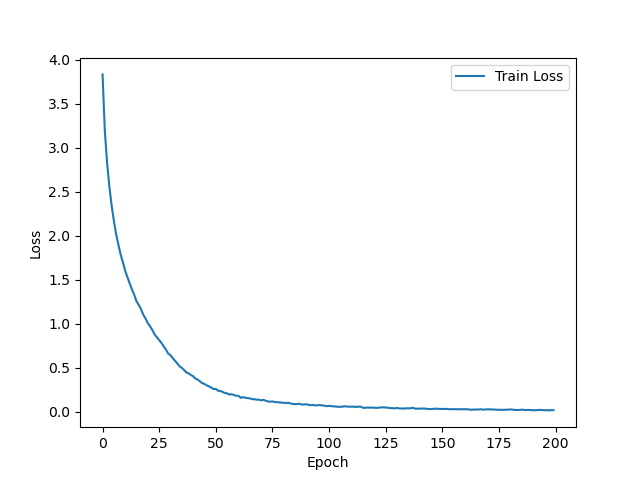
Epoch [198/200], Loss: 0.0171

Epoch [199/200], Loss: 0.0208

Epoch [200/200], Loss: 0.0198

Training finished!

Test Accuracy: 0.66



Cifar100 original:

D:\Anaconda\envs\pytorch1.13\_py3.7\python.exe D:\gradu1\EE595\lab\ResNet\original\cifar100\_Main.py

Downloading https://www.cs.toronto.edu/~kriz/cifar-100-python.tar.gz to ./data\cifar-100-python.tar.gz

100.0%

Extracting ./data\cifar-100-python.tar.gz to ./data

Epoch [1/200], Loss: 3.8044

Epoch [2/200], Loss: 3.1899

Epoch [3/200], Loss: 2.8389

Epoch [4/200], Loss: 2.5654

Epoch [5/200], Loss: 2.3561

Epoch [6/200], Loss: 2.1806

Epoch [7/200], Loss: 2.0290

Epoch [8/200], Loss: 1.9020

Epoch [9/200], Loss: 1.7928

Epoch [10/200], Loss: 1.6947

Epoch [11/200], Loss: 1.6071

Epoch [12/200], Loss: 1.5244

Epoch [13/200], Loss: 1.4340

Epoch [14/200], Loss: 1.3646

Epoch [15/200], Loss: 1.2969

Epoch [16/200], Loss: 1.2171

Epoch [17/200], Loss: 1.1600

Epoch [18/200], Loss: 1.0935

Epoch [19/200], Loss: 1.0429

Epoch [20/200], Loss: 0.9872

Epoch [21/200], Loss: 0.9314

Epoch [22/200], Loss: 0.8704

Epoch [23/200], Loss: 0.8244

Epoch [24/200], Loss: 0.7656

Epoch [25/200], Loss: 0.7203

Epoch [26/200], Loss: 0.6695

Epoch [27/200], Loss: 0.6256

Epoch [28/200], Loss: 0.5838

Epoch [29/200], Loss: 0.5380

Epoch [30/200], Loss: 0.4965

Epoch [31/200], Loss: 0.4616

Epoch [32/200], Loss: 0.4330

Epoch [33/200], Loss: 0.4014

Epoch [34/200], Loss: 0.3702

Epoch [35/200], Loss: 0.3362

Epoch [36/200], Loss: 0.3152

Epoch [37/200], Loss: 0.2935

Epoch [38/200], Loss: 0.2696

Epoch [39/200], Loss: 0.2532

Epoch [40/200], Loss: 0.2375

Epoch [41/200], Loss: 0.2186

Epoch [42/200], Loss: 0.2055

Epoch [43/200], Loss: 0.1948

Epoch [44/200], Loss: 0.1732

Epoch [45/200], Loss: 0.1711

Epoch [46/200], Loss: 0.1542

Epoch [47/200], Loss: 0.1479

Epoch [48/200], Loss: 0.1396

Epoch [49/200], Loss: 0.1267

Epoch [50/200], Loss: 0.1227

Epoch [51/200], Loss: 0.1133

Epoch [52/200], Loss: 0.1073

Epoch [53/200], Loss: 0.1065

Epoch [54/200], Loss: 0.0970

Epoch [55/200], Loss: 0.0859

Epoch [56/200], Loss: 0.0794

Epoch [57/200], Loss: 0.0865

Epoch [58/200], Loss: 0.0772

Epoch [59/200], Loss: 0.0760

Epoch [60/200], Loss: 0.0855

Epoch [61/200], Loss: 0.0687

Epoch [62/200], Loss: 0.0617

Epoch [63/200], Loss: 0.0634

Epoch [64/200], Loss: 0.0629

Epoch [65/200], Loss: 0.0573

Epoch [66/200], Loss: 0.0536

Epoch [67/200], Loss: 0.0578

Epoch [68/200], Loss: 0.0549

Epoch [69/200], Loss: 0.0468

Epoch [70/200], Loss: 0.0463

Epoch [71/200], Loss: 0.0445

Epoch [72/200], Loss: 0.0430

Epoch [73/200], Loss: 0.0440

Epoch [74/200], Loss: 0.0378

Epoch [75/200], Loss: 0.0378

Epoch [76/200], Loss: 0.0357

Epoch [77/200], Loss: 0.0377

Epoch [78/200], Loss: 0.0417

Epoch [79/200], Loss: 0.0356

Epoch [80/200], Loss: 0.0388

Epoch [81/200], Loss: 0.0371

Epoch [82/200], Loss: 0.0380

Epoch [83/200], Loss: 0.0315

Epoch [84/200], Loss: 0.0306

Epoch [85/200], Loss: 0.0299

Epoch [86/200], Loss: 0.0357

Epoch [87/200], Loss: 0.0307

Epoch [88/200], Loss: 0.0241

Epoch [89/200], Loss: 0.0213

Epoch [90/200], Loss: 0.0227

Epoch [91/200], Loss: 0.0236

Epoch [92/200], Loss: 0.0224

Epoch [93/200], Loss: 0.0254

Epoch [94/200], Loss: 0.0271

Epoch [95/200], Loss: 0.0268

Epoch [96/200], Loss: 0.0197

Epoch [97/200], Loss: 0.0211

Epoch [98/200], Loss: 0.0191

Epoch [99/200], Loss: 0.0161

Epoch [100/200], Loss: 0.0158

Epoch [101/200], Loss: 0.0163

Epoch [102/200], Loss: 0.0191

Epoch [103/200], Loss: 0.0166

Epoch [104/200], Loss: 0.0168

Epoch [105/200], Loss: 0.0183

Epoch [106/200], Loss: 0.0224

Epoch [107/200], Loss: 0.0202

Epoch [108/200], Loss: 0.0240

Epoch [109/200], Loss: 0.0152

Epoch [110/200], Loss: 0.0180

Epoch [111/200], Loss: 0.0174

Epoch [112/200], Loss: 0.0130

Epoch [113/200], Loss: 0.0148

Epoch [114/200], Loss: 0.0171

Epoch [115/200], Loss: 0.0135

Epoch [116/200], Loss: 0.0151

Epoch [117/200], Loss: 0.0122

Epoch [118/200], Loss: 0.0168

Epoch [119/200], Loss: 0.0183

Epoch [120/200], Loss: 0.0151

Epoch [121/200], Loss: 0.0151

Epoch [122/200], Loss: 0.0118

Epoch [123/200], Loss: 0.0121

Epoch [124/200], Loss: 0.0115

Epoch [125/200], Loss: 0.0130

Epoch [126/200], Loss: 0.0105

Epoch [127/200], Loss: 0.0132

Epoch [128/200], Loss: 0.0113

Epoch [129/200], Loss: 0.0141

Epoch [130/200], Loss: 0.0136

Epoch [131/200], Loss: 0.0122

Epoch [132/200], Loss: 0.0125

Epoch [133/200], Loss: 0.0103

Epoch [134/200], Loss: 0.0137

Epoch [135/200], Loss: 0.0132

Epoch [136/200], Loss: 0.0126

Epoch [137/200], Loss: 0.0131

Epoch [138/200], Loss: 0.0121

Epoch [139/200], Loss: 0.0136

Epoch [140/200], Loss: 0.0110

Epoch [141/200], Loss: 0.0155

Epoch [142/200], Loss: 0.0109

Epoch [143/200], Loss: 0.0124

Epoch [144/200], Loss: 0.0104

Epoch [145/200], Loss: 0.0091

Epoch [146/200], Loss: 0.0071

Epoch [147/200], Loss: 0.0076

Epoch [148/200], Loss: 0.0092

Epoch [149/200], Loss: 0.0053

Epoch [150/200], Loss: 0.0079

Epoch [151/200], Loss: 0.0062

Epoch [152/200], Loss: 0.0063

Epoch [153/200], Loss: 0.0075

Epoch [154/200], Loss: 0.0073

Epoch [155/200], Loss: 0.0063

Epoch [156/200], Loss: 0.0099

Epoch [157/200], Loss: 0.0092

Epoch [158/200], Loss: 0.0081

Epoch [159/200], Loss: 0.0082

Epoch [160/200], Loss: 0.0099

Epoch [161/200], Loss: 0.0066

Epoch [162/200], Loss: 0.0072

Epoch [163/200], Loss: 0.0078

Epoch [164/200], Loss: 0.0076

Epoch [165/200], Loss: 0.0077

Epoch [166/200], Loss: 0.0057

Epoch [167/200], Loss: 0.0060

Epoch [168/200], Loss: 0.0064

Epoch [169/200], Loss: 0.0057

Epoch [170/200], Loss: 0.0050

Epoch [171/200], Loss: 0.0050

Epoch [172/200], Loss: 0.0052

Epoch [173/200], Loss: 0.0055

Epoch [174/200], Loss: 0.0065

Epoch [175/200], Loss: 0.0074

Epoch [176/200], Loss: 0.0072

Epoch [177/200], Loss: 0.0080

Epoch [178/200], Loss: 0.0066

Epoch [179/200], Loss: 0.0055

Epoch [180/200], Loss: 0.0049

Epoch [181/200], Loss: 0.0052

Epoch [182/200], Loss: 0.0049

Epoch [183/200], Loss: 0.0061

Epoch [184/200], Loss: 0.0069

Epoch [185/200], Loss: 0.0052

Epoch [186/200], Loss: 0.0054

Epoch [187/200], Loss: 0.0051

Epoch [188/200], Loss: 0.0052

Epoch [189/200], Loss: 0.0051

Epoch [190/200], Loss: 0.0069

Epoch [191/200], Loss: 0.0060

Epoch [192/200], Loss: 0.0079

Epoch [193/200], Loss: 0.0069

Epoch [194/200], Loss: 0.0068

Epoch [195/200], Loss: 0.0059

Epoch [196/200], Loss: 0.0049

Epoch [197/200], Loss: 0.0047

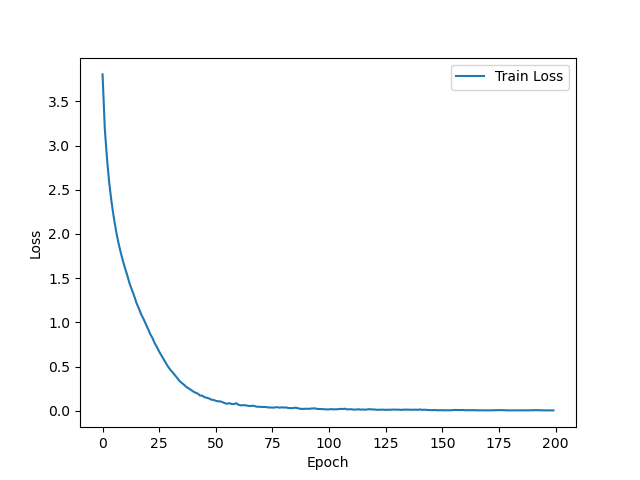
Epoch [198/200], Loss: 0.0052

Epoch [199/200], Loss: 0.0048

Epoch [200/200], Loss: 0.0049

Training finished!

Test Accuracy: 0.62



Cifar10\_original:

Epoch [1/150], Loss: 1.5357

Epoch [2/150], Loss: 1.1317

Epoch [3/150], Loss: 0.9275

Epoch [4/150], Loss: 0.8073

Epoch [5/150], Loss: 0.7192

Epoch [6/150], Loss: 0.6505

Epoch [7/150], Loss: 0.6023

Epoch [8/150], Loss: 0.5612

Epoch [9/150], Loss: 0.5259

Epoch [10/150], Loss: 0.4951

Epoch [11/150], Loss: 0.4726

Epoch [12/150], Loss: 0.4437

Epoch [13/150], Loss: 0.4182

Epoch [14/150], Loss: 0.4026

Epoch [15/150], Loss: 0.3843

Epoch [16/150], Loss: 0.3626

Epoch [17/150], Loss: 0.3526

Epoch [18/150], Loss: 0.3351

Epoch [19/150], Loss: 0.3182

Epoch [20/150], Loss: 0.3115

Epoch [21/150], Loss: 0.3016

Epoch [22/150], Loss: 0.2847

Epoch [23/150], Loss: 0.2763

Epoch [24/150], Loss: 0.2639

Epoch [25/150], Loss: 0.2524

Epoch [26/150], Loss: 0.2467

Epoch [27/150], Loss: 0.2361

Epoch [28/150], Loss: 0.2273

Epoch [29/150], Loss: 0.2192

Epoch [30/150], Loss: 0.2085

Epoch [31/150], Loss: 0.2061

Epoch [32/150], Loss: 0.1973

Epoch [33/150], Loss: 0.1866

Epoch [34/150], Loss: 0.1853

Epoch [35/150], Loss: 0.1757

Epoch [36/150], Loss: 0.1757

Epoch [37/150], Loss: 0.1656

Epoch [38/150], Loss: 0.1624

Epoch [39/150], Loss: 0.1528

Epoch [40/150], Loss: 0.1504

Epoch [41/150], Loss: 0.1446

Epoch [42/150], Loss: 0.1408

Epoch [43/150], Loss: 0.1344

Epoch [44/150], Loss: 0.1354

Epoch [45/150], Loss: 0.1280

Epoch [46/150], Loss: 0.1221

Epoch [47/150], Loss: 0.1222

Epoch [48/150], Loss: 0.1156

Epoch [49/150], Loss: 0.1131

Epoch [50/150], Loss: 0.1090

Epoch [51/150], Loss: 0.1051

Epoch [52/150], Loss: 0.0995

Epoch [53/150], Loss: 0.1005

Epoch [54/150], Loss: 0.0946

Epoch [55/150], Loss: 0.0956

Epoch [56/150], Loss: 0.0894

Epoch [57/150], Loss: 0.0887

Epoch [58/150], Loss: 0.0839

Epoch [59/150], Loss: 0.0867

Epoch [60/150], Loss: 0.0816

Epoch [61/150], Loss: 0.0775

Epoch [62/150], Loss: 0.0805

Epoch [63/150], Loss: 0.0758

Epoch [64/150], Loss: 0.0742

Epoch [65/150], Loss: 0.0710

Epoch [66/150], Loss: 0.0734

Epoch [67/150], Loss: 0.0677

Epoch [68/150], Loss: 0.0648

Epoch [69/150], Loss: 0.0649

Epoch [70/150], Loss: 0.0628

Epoch [71/150], Loss: 0.0600

Epoch [72/150], Loss: 0.0595

Epoch [73/150], Loss: 0.0624

Epoch [74/150], Loss: 0.0537

Epoch [75/150], Loss: 0.0569

Epoch [76/150], Loss: 0.0562

Epoch [77/150], Loss: 0.0539

Epoch [78/150], Loss: 0.0541

Epoch [79/150], Loss: 0.0480

Epoch [80/150], Loss: 0.0521

Epoch [81/150], Loss: 0.0432

Epoch [82/150], Loss: 0.0502

Epoch [83/150], Loss: 0.0446

Epoch [84/150], Loss: 0.0477

Epoch [85/150], Loss: 0.0501

Epoch [86/150], Loss: 0.0450

Epoch [87/150], Loss: 0.0439

Epoch [88/150], Loss: 0.0438

Epoch [89/150], Loss: 0.0439

Epoch [90/150], Loss: 0.0415

Epoch [91/150], Loss: 0.0427

Epoch [92/150], Loss: 0.0452

Epoch [93/150], Loss: 0.0392

Epoch [94/150], Loss: 0.0401

Epoch [95/150], Loss: 0.0361

Epoch [96/150], Loss: 0.0361

Epoch [97/150], Loss: 0.0371

Epoch [98/150], Loss: 0.0363

Epoch [99/150], Loss: 0.0366

Epoch [100/150], Loss: 0.0343

Epoch [101/150], Loss: 0.0355

Epoch [102/150], Loss: 0.0354

Epoch [103/150], Loss: 0.0316

Epoch [104/150], Loss: 0.0296

Epoch [105/150], Loss: 0.0325

Epoch [106/150], Loss: 0.0279

Epoch [107/150], Loss: 0.0312

Epoch [108/150], Loss: 0.0302

Epoch [109/150], Loss: 0.0289

Epoch [110/150], Loss: 0.0275

Epoch [111/150], Loss: 0.0297

Epoch [112/150], Loss: 0.0265

Epoch [113/150], Loss: 0.0300

Epoch [114/150], Loss: 0.0274

Epoch [115/150], Loss: 0.0289

Epoch [116/150], Loss: 0.0245

Epoch [117/150], Loss: 0.0279

Epoch [118/150], Loss: 0.0298

Epoch [119/150], Loss: 0.0284

Epoch [120/150], Loss: 0.0241

Epoch [121/150], Loss: 0.0221

Epoch [122/150], Loss: 0.0294

Epoch [123/150], Loss: 0.0240

Epoch [124/150], Loss: 0.0225

Epoch [125/150], Loss: 0.0236

Epoch [126/150], Loss: 0.0273

Epoch [127/150], Loss: 0.0243

Epoch [128/150], Loss: 0.0215

Epoch [129/150], Loss: 0.0203

Epoch [130/150], Loss: 0.0229

Epoch [131/150], Loss: 0.0259

Epoch [132/150], Loss: 0.0216

Epoch [133/150], Loss: 0.0202

Epoch [134/150], Loss: 0.0232

Epoch [135/150], Loss: 0.0191

Epoch [136/150], Loss: 0.0206

Epoch [137/150], Loss: 0.0199

Epoch [138/150], Loss: 0.0204

Epoch [139/150], Loss: 0.0215

Epoch [140/150], Loss: 0.0189

Epoch [141/150], Loss: 0.0199

Epoch [142/150], Loss: 0.0220

Epoch [143/150], Loss: 0.0183

Epoch [144/150], Loss: 0.0177

Epoch [145/150], Loss: 0.0179

Epoch [146/150], Loss: 0.0205

Epoch [147/150], Loss: 0.0161

Epoch [148/150], Loss: 0.0188

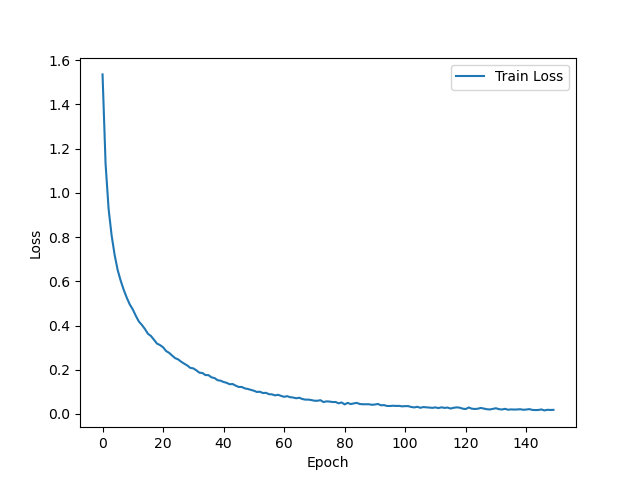
Epoch [149/150], Loss: 0.0181

Epoch [150/150], Loss: 0.0185

Training finished!

Files already downloaded and verified

Test Accuracy: 0.89



Cifar10 test:

Epoch [1/20], Loss: 0.1189

Epoch [1/20], Test Loss: 0.0445

Epoch [2/20], Loss: 0.0282

Epoch [2/20], Test Loss: 0.0334

Epoch [3/20], Loss: 0.0160

Epoch [3/20], Test Loss: 0.0346

Epoch [4/20], Loss: 0.0098

Epoch [4/20], Test Loss: 0.0288

Epoch [5/20], Loss: 0.0055

Epoch [5/20], Test Loss: 0.0258

Epoch [6/20], Loss: 0.0036

Epoch [6/20], Test Loss: 0.0321

Epoch [7/20], Loss: 0.0044

Epoch [7/20], Test Loss: 0.0262

Epoch [8/20], Loss: 0.0029

Epoch [8/20], Test Loss: 0.0258

Epoch [9/20], Loss: 0.0012

Epoch [9/20], Test Loss: 0.0240

Epoch [10/20], Loss: 0.0020

Epoch [10/20], Test Loss: 0.0250

Epoch [11/20], Loss: 0.0018

Epoch [11/20], Test Loss: 0.0284

Epoch [12/20], Loss: 0.0012

Epoch [12/20], Test Loss: 0.0256

Epoch [13/20], Loss: 0.0008

Epoch [13/20], Test Loss: 0.0234

Epoch [14/20], Loss: 0.0007

Epoch [14/20], Test Loss: 0.0245

Epoch [15/20], Loss: 0.0002

Epoch [15/20], Test Loss: 0.0233

Epoch [16/20], Loss: 0.0001

Epoch [16/20], Test Loss: 0.0236

Epoch [17/20], Loss: 0.0002

Epoch [17/20], Test Loss: 0.0234

Epoch [18/20], Loss: 0.0005

Epoch [18/20], Test Loss: 0.0258

Epoch [19/20], Loss: 0.0006

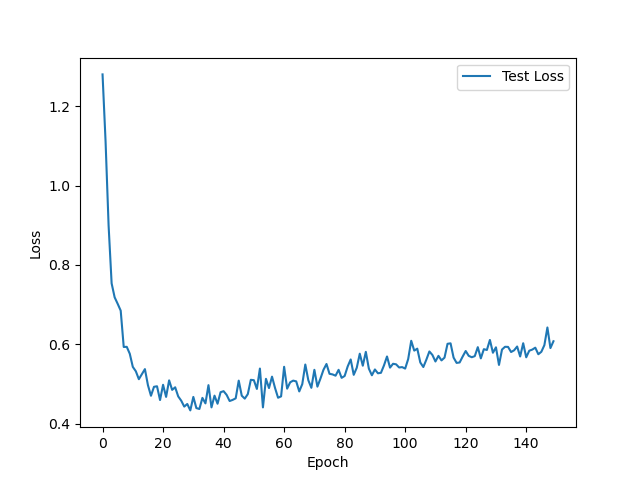
Epoch [19/20], Test Loss: 0.0241

Epoch [20/20], Loss: 0.0002

Epoch [20/20], Test Loss: 0.0257

Training finished!

Test Accuracy: 0.99



Cifar100\_original\_test loss

Epoch [1/200], Loss: 3.8492

Epoch [1/200], Test Loss: 3.4118

Epoch [2/200], Loss: 3.1842

Epoch [2/200], Test Loss: 3.1217

Epoch [3/200], Loss: 2.8289

Epoch [3/200], Test Loss: 2.7361

Epoch [4/200], Loss: 2.5774

Epoch [4/200], Test Loss: 2.6337

Epoch [5/200], Loss: 2.3903

Epoch [5/200], Test Loss: 2.4024

Epoch [6/200], Loss: 2.2401

Epoch [6/200], Test Loss: 2.3451

Epoch [7/200], Loss: 2.1164

Epoch [7/200], Test Loss: 2.2395

Epoch [8/200], Loss: 2.0164

Epoch [8/200], Test Loss: 2.1412

Epoch [9/200], Loss: 1.9313

Epoch [9/200], Test Loss: 2.1432

Epoch [10/200], Loss: 1.8502

Epoch [10/200], Test Loss: 1.9618

Epoch [11/200], Loss: 1.7889

Epoch [11/200], Test Loss: 2.0584

Epoch [12/200], Loss: 1.7371

Epoch [12/200], Test Loss: 1.9290

Epoch [13/200], Loss: 1.6846

Epoch [13/200], Test Loss: 1.9108

Epoch [14/200], Loss: 1.6422

Epoch [14/200], Test Loss: 1.9574

Epoch [15/200], Loss: 1.6064

Epoch [15/200], Test Loss: 1.8656

Epoch [16/200], Loss: 1.5685

Epoch [16/200], Test Loss: 1.7795

Epoch [17/200], Loss: 1.5350

Epoch [17/200], Test Loss: 1.7576

Epoch [18/200], Loss: 1.5082

Epoch [18/200], Test Loss: 1.8231

Epoch [19/200], Loss: 1.4942

Epoch [19/200], Test Loss: 1.7425

Epoch [20/200], Loss: 1.4612

Epoch [20/200], Test Loss: 1.7750

Epoch [21/200], Loss: 1.4422

Epoch [21/200], Test Loss: 1.7131

Epoch [22/200], Loss: 1.4112

Epoch [22/200], Test Loss: 1.7722

Epoch [23/200], Loss: 1.4002

Epoch [23/200], Test Loss: 1.6959

Epoch [24/200], Loss: 1.3849

Epoch [24/200], Test Loss: 1.6977

Epoch [25/200], Loss: 1.3714

Epoch [25/200], Test Loss: 1.7730

Epoch [26/200], Loss: 1.3387

Epoch [26/200], Test Loss: 1.7079

Epoch [27/200], Loss: 1.3300

Epoch [27/200], Test Loss: 1.6567

Epoch [28/200], Loss: 1.3167

Epoch [28/200], Test Loss: 1.6608

Epoch [29/200], Loss: 1.3045

Epoch [29/200], Test Loss: 1.5785

Epoch [30/200], Loss: 1.2936

Epoch [30/200], Test Loss: 1.5921

Epoch [31/200], Loss: 1.2906

Epoch [31/200], Test Loss: 1.6156

Epoch [32/200], Loss: 1.2610

Epoch [32/200], Test Loss: 1.7375

Epoch [33/200], Loss: 1.2586

Epoch [33/200], Test Loss: 1.6170

Epoch [34/200], Loss: 1.2578

Epoch [34/200], Test Loss: 1.6357

Epoch [35/200], Loss: 1.2471

Epoch [35/200], Test Loss: 1.6075

Epoch [36/200], Loss: 1.2401

Epoch [36/200], Test Loss: 1.6332

Epoch [37/200], Loss: 1.2284

Epoch [37/200], Test Loss: 1.6089

Epoch [38/200], Loss: 1.2168

Epoch [38/200], Test Loss: 1.6483

Epoch [39/200], Loss: 1.2092

Epoch [39/200], Test Loss: 1.5914

Epoch [40/200], Loss: 1.1836

Epoch [40/200], Test Loss: 1.7014

Epoch [41/200], Loss: 1.1896

Epoch [41/200], Test Loss: 1.6165

Epoch [42/200], Loss: 1.1687

Epoch [42/200], Test Loss: 1.6375

Epoch [43/200], Loss: 1.1559

Epoch [43/200], Test Loss: 1.6115

Epoch [44/200], Loss: 1.1489

Epoch [44/200], Test Loss: 1.7536

Epoch [45/200], Loss: 1.1478

Epoch [45/200], Test Loss: 1.5466

Epoch [46/200], Loss: 1.1330

Epoch [46/200], Test Loss: 1.5707

Epoch [47/200], Loss: 1.1337

Epoch [47/200], Test Loss: 1.6369

Epoch [48/200], Loss: 1.1256

Epoch [48/200], Test Loss: 1.6221

Epoch [49/200], Loss: 1.1145

Epoch [49/200], Test Loss: 1.5650

Epoch [50/200], Loss: 1.1159

Epoch [50/200], Test Loss: 1.6328

Epoch [51/200], Loss: 1.1036

Epoch [51/200], Test Loss: 1.5618

Epoch [52/200], Loss: 1.0959

Epoch [52/200], Test Loss: 1.5882

Epoch [53/200], Loss: 1.0861

Epoch [53/200], Test Loss: 1.5979

Epoch [54/200], Loss: 1.0766

Epoch [54/200], Test Loss: 1.6218

Epoch [55/200], Loss: 1.0799

Epoch [55/200], Test Loss: 1.5874

Epoch [56/200], Loss: 1.0715

Epoch [56/200], Test Loss: 1.5559

Epoch [57/200], Loss: 1.0620

Epoch [57/200], Test Loss: 1.6880

Epoch [58/200], Loss: 1.0618

Epoch [58/200], Test Loss: 1.5749

Epoch [59/200], Loss: 1.0489

Epoch [59/200], Test Loss: 1.5528

Epoch [60/200], Loss: 1.0477

Epoch [60/200], Test Loss: 1.5666

Epoch [61/200], Loss: 1.0459

Epoch [61/200], Test Loss: 1.5810

Epoch [62/200], Loss: 1.0525

Epoch [62/200], Test Loss: 1.6020

Epoch [63/200], Loss: 1.0377

Epoch [63/200], Test Loss: 1.5520

Epoch [64/200], Loss: 1.0275

Epoch [64/200], Test Loss: 1.5016

Epoch [65/200], Loss: 1.0298

Epoch [65/200], Test Loss: 1.5865

Epoch [66/200], Loss: 1.0162

Epoch [66/200], Test Loss: 1.5928

Epoch [67/200], Loss: 1.0226

Epoch [67/200], Test Loss: 1.5936

Epoch [68/200], Loss: 1.0118

Epoch [68/200], Test Loss: 1.5140

Epoch [69/200], Loss: 1.0177

Epoch [69/200], Test Loss: 1.5274

Epoch [70/200], Loss: 1.0114

Epoch [70/200], Test Loss: 1.6335

Epoch [71/200], Loss: 0.9971

Epoch [71/200], Test Loss: 1.5698

Epoch [72/200], Loss: 1.0009

Epoch [72/200], Test Loss: 1.6240

Epoch [73/200], Loss: 1.0076

Epoch [73/200], Test Loss: 1.6526

Epoch [74/200], Loss: 0.9984

Epoch [74/200], Test Loss: 1.5891

Epoch [75/200], Loss: 0.9843

Epoch [75/200], Test Loss: 1.6170

Epoch [76/200], Loss: 0.9823

Epoch [76/200], Test Loss: 1.5869

Epoch [77/200], Loss: 0.9952

Epoch [77/200], Test Loss: 1.4763

Epoch [78/200], Loss: 0.9726

Epoch [78/200], Test Loss: 1.5069

Epoch [79/200], Loss: 0.9815

Epoch [79/200], Test Loss: 1.5624

Epoch [80/200], Loss: 0.9770

Epoch [80/200], Test Loss: 1.5900

Epoch [81/200], Loss: 0.9805

Epoch [81/200], Test Loss: 1.4988

Epoch [82/200], Loss: 0.9687

Epoch [82/200], Test Loss: 1.5845

Epoch [83/200], Loss: 0.9607

Epoch [83/200], Test Loss: 1.5419

Epoch [84/200], Loss: 0.9671

Epoch [84/200], Test Loss: 1.6071

Epoch [85/200], Loss: 0.9568

Epoch [85/200], Test Loss: 1.5578

Epoch [86/200], Loss: 0.9623

Epoch [86/200], Test Loss: 1.5664

Epoch [87/200], Loss: 0.9601

Epoch [87/200], Test Loss: 1.6196

Epoch [88/200], Loss: 0.9597

Epoch [88/200], Test Loss: 1.5404

Epoch [89/200], Loss: 0.9489

Epoch [89/200], Test Loss: 1.5224

Epoch [90/200], Loss: 0.9521

Epoch [90/200], Test Loss: 1.4794

Epoch [91/200], Loss: 0.9498

Epoch [91/200], Test Loss: 1.5387

Epoch [92/200], Loss: 0.9478

Epoch [92/200], Test Loss: 1.5790

Epoch [93/200], Loss: 0.9414

Epoch [93/200], Test Loss: 1.5581

Epoch [94/200], Loss: 0.9329

Epoch [94/200], Test Loss: 1.5799

Epoch [95/200], Loss: 0.9415

Epoch [95/200], Test Loss: 1.5589

Epoch [96/200], Loss: 0.9329

Epoch [96/200], Test Loss: 1.4801

Epoch [97/200], Loss: 0.9422

Epoch [97/200], Test Loss: 1.5543

Epoch [98/200], Loss: 0.9232

Epoch [98/200], Test Loss: 1.6689

Epoch [99/200], Loss: 0.9327

Epoch [99/200], Test Loss: 1.4812

Epoch [100/200], Loss: 0.9380

Epoch [100/200], Test Loss: 1.5537

Epoch [101/200], Loss: 0.9229

Epoch [101/200], Test Loss: 1.5659

Epoch [102/200], Loss: 0.9198

Epoch [102/200], Test Loss: 1.4579

Epoch [103/200], Loss: 0.9333

Epoch [103/200], Test Loss: 1.5317

Epoch [104/200], Loss: 0.9215

Epoch [104/200], Test Loss: 1.5389

Epoch [105/200], Loss: 0.9190

Epoch [105/200], Test Loss: 1.5248

Epoch [106/200], Loss: 0.9126

Epoch [106/200], Test Loss: 1.5653

Epoch [107/200], Loss: 0.9272

Epoch [107/200], Test Loss: 1.5514

Epoch [108/200], Loss: 0.9133

Epoch [108/200], Test Loss: 1.5413

Epoch [109/200], Loss: 0.9160

Epoch [109/200], Test Loss: 1.5327

Epoch [110/200], Loss: 0.9056

Epoch [110/200], Test Loss: 1.5226

Epoch [111/200], Loss: 0.9171

Epoch [111/200], Test Loss: 1.5897

Epoch [112/200], Loss: 0.9029

Epoch [112/200], Test Loss: 1.5899

Epoch [113/200], Loss: 0.9108

Epoch [113/200], Test Loss: 1.4814

Epoch [114/200], Loss: 0.9114

Epoch [114/200], Test Loss: 1.5054

Epoch [115/200], Loss: 0.9058

Epoch [115/200], Test Loss: 1.5284

Epoch [116/200], Loss: 0.9043

Epoch [116/200], Test Loss: 1.5084

Epoch [117/200], Loss: 0.8897

Epoch [117/200], Test Loss: 1.4972

Epoch [118/200], Loss: 0.8972

Epoch [118/200], Test Loss: 1.6752

Epoch [119/200], Loss: 0.9044

Epoch [119/200], Test Loss: 1.5633

Epoch [120/200], Loss: 0.8997

Epoch [120/200], Test Loss: 1.5371

Epoch [121/200], Loss: 0.8959

Epoch [121/200], Test Loss: 1.4508

Epoch [122/200], Loss: 0.9041

Epoch [122/200], Test Loss: 1.6108

Epoch [123/200], Loss: 0.8828

Epoch [123/200], Test Loss: 1.5729

Epoch [124/200], Loss: 0.8916

Epoch [124/200], Test Loss: 1.5124

Epoch [125/200], Loss: 0.8875

Epoch [125/200], Test Loss: 1.5417

Epoch [126/200], Loss: 0.8998

Epoch [126/200], Test Loss: 1.6502

Epoch [127/200], Loss: 0.8836

Epoch [127/200], Test Loss: 1.4990

Epoch [128/200], Loss: 0.8983

Epoch [128/200], Test Loss: 1.5368

Epoch [129/200], Loss: 0.8908

Epoch [129/200], Test Loss: 1.5441

Epoch [130/200], Loss: 0.8811

Epoch [130/200], Test Loss: 1.5967

Epoch [131/200], Loss: 0.8875

Epoch [131/200], Test Loss: 1.4862

Epoch [132/200], Loss: 0.8920

Epoch [132/200], Test Loss: 1.5539

Epoch [133/200], Loss: 0.8936

Epoch [133/200], Test Loss: 1.5260

Epoch [134/200], Loss: 0.8816

Epoch [134/200], Test Loss: 1.5172

Epoch [135/200], Loss: 0.8805

Epoch [135/200], Test Loss: 1.5038

Epoch [136/200], Loss: 0.8833

Epoch [136/200], Test Loss: 1.5250

Epoch [137/200], Loss: 0.8750

Epoch [137/200], Test Loss: 1.5854

Epoch [138/200], Loss: 0.8749

Epoch [138/200], Test Loss: 1.6232

Epoch [139/200], Loss: 0.8764

Epoch [139/200], Test Loss: 1.5155

Epoch [140/200], Loss: 0.8817

Epoch [140/200], Test Loss: 1.5325

Epoch [141/200], Loss: 0.8802

Epoch [141/200], Test Loss: 1.6070

Epoch [142/200], Loss: 0.8789

Epoch [142/200], Test Loss: 1.5407

Epoch [143/200], Loss: 0.8675

Epoch [143/200], Test Loss: 1.5629

Epoch [144/200], Loss: 0.8710

Epoch [144/200], Test Loss: 1.5655

Epoch [145/200], Loss: 0.8761

Epoch [145/200], Test Loss: 1.4768

Epoch [146/200], Loss: 0.8716

Epoch [146/200], Test Loss: 1.5777

Epoch [147/200], Loss: 0.8757

Epoch [147/200], Test Loss: 1.4608

Epoch [148/200], Loss: 0.8670

Epoch [148/200], Test Loss: 1.5883

Epoch [149/200], Loss: 0.8800

Epoch [149/200], Test Loss: 1.5261

Epoch [150/200], Loss: 0.8728

Epoch [150/200], Test Loss: 1.5997

Epoch [151/200], Loss: 0.8612

Epoch [151/200], Test Loss: 1.5722

Epoch [152/200], Loss: 0.8652

Epoch [152/200], Test Loss: 1.5484

Epoch [153/200], Loss: 0.8535

Epoch [153/200], Test Loss: 1.5479

Epoch [154/200], Loss: 0.8605

Epoch [154/200], Test Loss: 1.5328

Epoch [155/200], Loss: 0.8707

Epoch [155/200], Test Loss: 1.4692

Epoch [156/200], Loss: 0.8705

Epoch [156/200], Test Loss: 1.5810

Epoch [157/200], Loss: 0.8653

Epoch [157/200], Test Loss: 1.5421

Epoch [158/200], Loss: 0.8628

Epoch [158/200], Test Loss: 1.6210

Epoch [159/200], Loss: 0.8655

Epoch [159/200], Test Loss: 1.6865

Epoch [160/200], Loss: 0.8640

Epoch [160/200], Test Loss: 1.6018

Epoch [161/200], Loss: 0.8512

Epoch [161/200], Test Loss: 1.4441

Epoch [162/200], Loss: 0.8609

Epoch [162/200], Test Loss: 1.4826

Epoch [163/200], Loss: 0.8651

Epoch [163/200], Test Loss: 1.6536

Epoch [164/200], Loss: 0.8595

Epoch [164/200], Test Loss: 1.5063

Epoch [165/200], Loss: 0.8536

Epoch [165/200], Test Loss: 1.6036

Epoch [166/200], Loss: 0.8596

Epoch [166/200], Test Loss: 1.5383

Epoch [167/200], Loss: 0.8448

Epoch [167/200], Test Loss: 1.5571

Epoch [168/200], Loss: 0.8637

Epoch [168/200], Test Loss: 1.6019

Epoch [169/200], Loss: 0.8516

Epoch [169/200], Test Loss: 1.5902

Epoch [170/200], Loss: 0.8553

Epoch [170/200], Test Loss: 1.5000

Epoch [171/200], Loss: 0.8570

Epoch [171/200], Test Loss: 1.5120

Epoch [172/200], Loss: 0.8460

Epoch [172/200], Test Loss: 1.5600

Epoch [173/200], Loss: 0.8536

Epoch [173/200], Test Loss: 1.5872

Epoch [174/200], Loss: 0.8445

Epoch [174/200], Test Loss: 1.5611

Epoch [175/200], Loss: 0.8558

Epoch [175/200], Test Loss: 1.5528

Epoch [176/200], Loss: 0.8603

Epoch [176/200], Test Loss: 1.4787

Epoch [177/200], Loss: 0.8528

Epoch [177/200], Test Loss: 1.4929

Epoch [178/200], Loss: 0.8448

Epoch [178/200], Test Loss: 1.5980

Epoch [179/200], Loss: 0.8523

Epoch [179/200], Test Loss: 1.5275

Epoch [180/200], Loss: 0.8534

Epoch [180/200], Test Loss: 1.4895

Epoch [181/200], Loss: 0.8355

Epoch [181/200], Test Loss: 1.5801

Epoch [182/200], Loss: 0.8448

Epoch [182/200], Test Loss: 1.5676

Epoch [183/200], Loss: 0.8401

Epoch [183/200], Test Loss: 1.4939

Epoch [184/200], Loss: 0.8412

Epoch [184/200], Test Loss: 1.4726

Epoch [185/200], Loss: 0.8373

Epoch [185/200], Test Loss: 1.5149

Epoch [186/200], Loss: 0.8461

Epoch [186/200], Test Loss: 1.5986

Epoch [187/200], Loss: 0.8396

Epoch [187/200], Test Loss: 1.4737

Epoch [188/200], Loss: 0.8444

Epoch [188/200], Test Loss: 1.6076

Epoch [189/200], Loss: 0.8326

Epoch [189/200], Test Loss: 1.4902

Epoch [190/200], Loss: 0.8419

Epoch [190/200], Test Loss: 1.4851

Epoch [191/200], Loss: 0.8503

Epoch [191/200], Test Loss: 1.5629

Epoch [192/200], Loss: 0.8452

Epoch [192/200], Test Loss: 1.5571

Epoch [193/200], Loss: 0.8481

Epoch [193/200], Test Loss: 1.5183

Epoch [194/200], Loss: 0.8349

Epoch [194/200], Test Loss: 1.5426

Epoch [195/200], Loss: 0.8404

Epoch [195/200], Test Loss: 1.6359

Epoch [196/200], Loss: 0.8237

Epoch [196/200], Test Loss: 1.5191

Epoch [197/200], Loss: 0.8361

Epoch [197/200], Test Loss: 1.6717

Epoch [198/200], Loss: 0.8376

Epoch [198/200], Test Loss: 1.5922

Epoch [199/200], Loss: 0.8558

Epoch [199/200], Test Loss: 1.5597

Epoch [200/200], Loss: 0.8418

Epoch [200/200], Test Loss: 1.5225

Training finished!

Test Accuracy: 0.62

A graph of a line

Description automatically generated

A graph with a blue line

Description automatically generated

Resnet50\_ciifar100:

Epoch [1/200], Loss: 4.0730

Epoch [1/200], Test Loss: 3.5773

Epoch [2/200], Loss: 3.4197

Epoch [2/200], Test Loss: 3.2612

Epoch [3/200], Loss: 3.1015

Epoch [3/200], Test Loss: 2.9837

Epoch [4/200], Loss: 2.8621

Epoch [4/200], Test Loss: 2.8059

Epoch [5/200], Loss: 2.6506

Epoch [5/200], Test Loss: 2.6354

Epoch [6/200], Loss: 2.4703

Epoch [6/200], Test Loss: 2.5041

Epoch [7/200], Loss: 2.3239

Epoch [7/200], Test Loss: 2.3485

Epoch [8/200], Loss: 2.1960

Epoch [8/200], Test Loss: 2.3577

Epoch [9/200], Loss: 2.0849

Epoch [9/200], Test Loss: 2.1473

Epoch [10/200], Loss: 1.9911

Epoch [10/200], Test Loss: 2.0862

Epoch [11/200], Loss: 1.9044

Epoch [11/200], Test Loss: 2.0455

Epoch [12/200], Loss: 1.8305

Epoch [12/200], Test Loss: 2.0378

Epoch [13/200], Loss: 1.7561

Epoch [13/200], Test Loss: 1.9156

Epoch [14/200], Loss: 1.7011

Epoch [14/200], Test Loss: 1.9620

Epoch [15/200], Loss: 1.6542

Epoch [15/200], Test Loss: 1.9100

Epoch [16/200], Loss: 1.6139

Epoch [16/200], Test Loss: 1.8298

Epoch [17/200], Loss: 1.5758

Epoch [17/200], Test Loss: 1.7802

Epoch [18/200], Loss: 1.5387

Epoch [18/200], Test Loss: 1.8531

Epoch [19/200], Loss: 1.5113

Epoch [19/200], Test Loss: 1.8467

Epoch [20/200], Loss: 1.4837

Epoch [20/200], Test Loss: 1.8097

Epoch [21/200], Loss: 1.4623

Epoch [21/200], Test Loss: 1.7132

Epoch [22/200], Loss: 1.4374

Epoch [22/200], Test Loss: 1.6499

Epoch [23/200], Loss: 1.4313

Epoch [23/200], Test Loss: 1.7172

Epoch [24/200], Loss: 1.4135

Epoch [24/200], Test Loss: 1.8027

Epoch [25/200], Loss: 1.3870

Epoch [25/200], Test Loss: 1.6493

Epoch [26/200], Loss: 1.3758

Epoch [26/200], Test Loss: 1.5938

Epoch [27/200], Loss: 1.3626

Epoch [27/200], Test Loss: 1.6693

Epoch [28/200], Loss: 1.3475

Epoch [28/200], Test Loss: 1.6525

Epoch [29/200], Loss: 1.3368

Epoch [29/200], Test Loss: 1.7149

Epoch [30/200], Loss: 1.3191

Epoch [30/200], Test Loss: 1.6415

Epoch [31/200], Loss: 1.3068

Epoch [31/200], Test Loss: 1.6197

Epoch [32/200], Loss: 1.2901

Epoch [32/200], Test Loss: 1.5727

Epoch [33/200], Loss: 1.2809

Epoch [33/200], Test Loss: 1.7249

Epoch [34/200], Loss: 1.2724

Epoch [34/200], Test Loss: 1.5452

Epoch [35/200], Loss: 1.2673

Epoch [35/200], Test Loss: 1.5364

Epoch [36/200], Loss: 1.2567

Epoch [36/200], Test Loss: 1.5871

Epoch [37/200], Loss: 1.2430

Epoch [37/200], Test Loss: 1.6540

Epoch [38/200], Loss: 1.2381

Epoch [38/200], Test Loss: 1.5512

Epoch [39/200], Loss: 1.2284

Epoch [39/200], Test Loss: 1.6052

Epoch [40/200], Loss: 1.2273

Epoch [40/200], Test Loss: 1.6613

Epoch [41/200], Loss: 1.2172

Epoch [41/200], Test Loss: 1.5382

Epoch [42/200], Loss: 1.2010

Epoch [42/200], Test Loss: 1.5883

Epoch [43/200], Loss: 1.1967

Epoch [43/200], Test Loss: 1.5852

Epoch [44/200], Loss: 1.1811

Epoch [44/200], Test Loss: 1.5639

Epoch [45/200], Loss: 1.1831

Epoch [45/200], Test Loss: 1.4893

Epoch [46/200], Loss: 1.1669

Epoch [46/200], Test Loss: 1.6172

Epoch [47/200], Loss: 1.1650

Epoch [47/200], Test Loss: 1.5408

Epoch [48/200], Loss: 1.1458

Epoch [48/200], Test Loss: 1.5156

Epoch [49/200], Loss: 1.1391

Epoch [49/200], Test Loss: 1.5575

Epoch [50/200], Loss: 1.1368

Epoch [50/200], Test Loss: 1.6668

Epoch [51/200], Loss: 1.1224

Epoch [51/200], Test Loss: 1.5147

Epoch [52/200], Loss: 1.1238

Epoch [52/200], Test Loss: 1.6407

Epoch [53/200], Loss: 1.1192

Epoch [53/200], Test Loss: 1.5481

Epoch [54/200], Loss: 1.1173

Epoch [54/200], Test Loss: 1.5509

Epoch [55/200], Loss: 1.0965

Epoch [55/200], Test Loss: 1.5467

Epoch [56/200], Loss: 1.0987

Epoch [56/200], Test Loss: 1.5030

Epoch [57/200], Loss: 1.0983

Epoch [57/200], Test Loss: 1.4998

Epoch [58/200], Loss: 1.0862

Epoch [58/200], Test Loss: 1.5193

Epoch [59/200], Loss: 1.0818

Epoch [59/200], Test Loss: 1.5202

Epoch [60/200], Loss: 1.0690

Epoch [60/200], Test Loss: 1.5099

Epoch [61/200], Loss: 1.0744

Epoch [61/200], Test Loss: 1.5546

Epoch [62/200], Loss: 1.0651

Epoch [62/200], Test Loss: 1.4753

Epoch [63/200], Loss: 1.0666

Epoch [63/200], Test Loss: 1.6645

Epoch [64/200], Loss: 1.0553

Epoch [64/200], Test Loss: 1.5532

Epoch [65/200], Loss: 1.0617

Epoch [65/200], Test Loss: 1.5905

Epoch [66/200], Loss: 1.0438

Epoch [66/200], Test Loss: 1.5941

Epoch [67/200], Loss: 1.0535

Epoch [67/200], Test Loss: 1.5184

Epoch [68/200], Loss: 1.0410

Epoch [68/200], Test Loss: 1.5505

Epoch [69/200], Loss: 1.0376

Epoch [69/200], Test Loss: 1.5695

Epoch [70/200], Loss: 1.0294

Epoch [70/200], Test Loss: 1.5661

Epoch [71/200], Loss: 1.0205

Epoch [71/200], Test Loss: 1.5356

Epoch [72/200], Loss: 1.0194

Epoch [72/200], Test Loss: 1.5422

Epoch [73/200], Loss: 1.0234

Epoch [73/200], Test Loss: 1.5384

Epoch [74/200], Loss: 1.0207

Epoch [74/200], Test Loss: 1.5769

Epoch [75/200], Loss: 1.0091

Epoch [75/200], Test Loss: 1.5336

Epoch [76/200], Loss: 1.0008

Epoch [76/200], Test Loss: 1.4624

Epoch [77/200], Loss: 1.0035

Epoch [77/200], Test Loss: 1.4249

Epoch [78/200], Loss: 1.0023

Epoch [78/200], Test Loss: 1.6095

Epoch [79/200], Loss: 1.0001

Epoch [79/200], Test Loss: 1.5021

Epoch [80/200], Loss: 0.9935

Epoch [80/200], Test Loss: 1.5443

Epoch [81/200], Loss: 0.9887

Epoch [81/200], Test Loss: 1.6361

Epoch [82/200], Loss: 0.9911

Epoch [82/200], Test Loss: 1.5683

Epoch [83/200], Loss: 0.9839

Epoch [83/200], Test Loss: 1.4680

Epoch [84/200], Loss: 0.9823

Epoch [84/200], Test Loss: 1.4567

Epoch [85/200], Loss: 0.9753

Epoch [85/200], Test Loss: 1.5489

Epoch [86/200], Loss: 0.9821

Epoch [86/200], Test Loss: 1.4437

Epoch [87/200], Loss: 0.9719

Epoch [87/200], Test Loss: 1.6022

Epoch [88/200], Loss: 0.9780

Epoch [88/200], Test Loss: 1.4694

Epoch [89/200], Loss: 0.9682

Epoch [89/200], Test Loss: 1.5175

Epoch [90/200], Loss: 0.9672

Epoch [90/200], Test Loss: 1.5316

Epoch [91/200], Loss: 0.9701

Epoch [91/200], Test Loss: 1.5681

Epoch [92/200], Loss: 0.9549

Epoch [92/200], Test Loss: 1.5414

Epoch [93/200], Loss: 0.9586

Epoch [93/200], Test Loss: 1.5575

Epoch [94/200], Loss: 0.9492

Epoch [94/200], Test Loss: 1.5341

Epoch [95/200], Loss: 0.9491

Epoch [95/200], Test Loss: 1.4770

Epoch [96/200], Loss: 0.9515

Epoch [96/200], Test Loss: 1.5151

Epoch [97/200], Loss: 0.9578

Epoch [97/200], Test Loss: 1.4874

Epoch [98/200], Loss: 0.9492

Epoch [98/200], Test Loss: 1.5245

Epoch [99/200], Loss: 0.9487

Epoch [99/200], Test Loss: 1.5779

Epoch [100/200], Loss: 0.9437

Epoch [100/200], Test Loss: 1.4398

Epoch [101/200], Loss: 0.9483

Epoch [101/200], Test Loss: 1.5183

Epoch [102/200], Loss: 0.9300

Epoch [102/200], Test Loss: 1.5000

Epoch [103/200], Loss: 0.9424

Epoch [103/200], Test Loss: 1.6211

Epoch [104/200], Loss: 0.9320

Epoch [104/200], Test Loss: 1.5354

Epoch [105/200], Loss: 0.9481

Epoch [105/200], Test Loss: 1.6142

Epoch [106/200], Loss: 0.9286

Epoch [106/200], Test Loss: 1.5149

Epoch [107/200], Loss: 0.9263

Epoch [107/200], Test Loss: 1.4787

Epoch [108/200], Loss: 0.9322

Epoch [108/200], Test Loss: 1.4462

Epoch [109/200], Loss: 0.9304

Epoch [109/200], Test Loss: 1.5094

Epoch [110/200], Loss: 0.9194

Epoch [110/200], Test Loss: 1.4545

Epoch [111/200], Loss: 0.9203

Epoch [111/200], Test Loss: 1.5530

Epoch [112/200], Loss: 0.9096

Epoch [112/200], Test Loss: 1.5073

Epoch [113/200], Loss: 0.9171

Epoch [113/200], Test Loss: 1.5092

Epoch [114/200], Loss: 0.9195

Epoch [114/200], Test Loss: 1.4727

Epoch [115/200], Loss: 0.9195

Epoch [115/200], Test Loss: 1.4957

Epoch [116/200], Loss: 0.9117

Epoch [116/200], Test Loss: 1.5094

Epoch [117/200], Loss: 0.9130

Epoch [117/200], Test Loss: 1.4695

Epoch [118/200], Loss: 0.9075

Epoch [118/200], Test Loss: 1.5199

Epoch [119/200], Loss: 0.9174

Epoch [119/200], Test Loss: 1.5467

Epoch [120/200], Loss: 0.9088

Epoch [120/200], Test Loss: 1.4874

Epoch [121/200], Loss: 0.9012

Epoch [121/200], Test Loss: 1.5110

Epoch [122/200], Loss: 0.8976

Epoch [122/200], Test Loss: 1.5753

Epoch [123/200], Loss: 0.9027

Epoch [123/200], Test Loss: 1.5009

Epoch [124/200], Loss: 0.9021

Epoch [124/200], Test Loss: 1.5022

Epoch [125/200], Loss: 0.8983

Epoch [125/200], Test Loss: 1.5159

Epoch [126/200], Loss: 0.9134

Epoch [126/200], Test Loss: 1.4682

Epoch [127/200], Loss: 0.8953

Epoch [127/200], Test Loss: 1.4746

Epoch [128/200], Loss: 0.8959

Epoch [128/200], Test Loss: 1.4898

Epoch [129/200], Loss: 0.8921

Epoch [129/200], Test Loss: 1.4747

Epoch [130/200], Loss: 0.8929

Epoch [130/200], Test Loss: 1.5950

Epoch [131/200], Loss: 0.8955

Epoch [131/200], Test Loss: 1.5183

Epoch [132/200], Loss: 0.8890

Epoch [132/200], Test Loss: 1.4221

Epoch [133/200], Loss: 0.8855

Epoch [133/200], Test Loss: 1.4818

Epoch [134/200], Loss: 0.8924

Epoch [134/200], Test Loss: 1.5870

Epoch [135/200], Loss: 0.8864

Epoch [135/200], Test Loss: 1.5289

Epoch [136/200], Loss: 0.8874

Epoch [136/200], Test Loss: 1.4981

Epoch [137/200], Loss: 0.8853

Epoch [137/200], Test Loss: 1.4867

Epoch [138/200], Loss: 0.8845

Epoch [138/200], Test Loss: 1.5416

Epoch [139/200], Loss: 0.8897

Epoch [139/200], Test Loss: 1.5827

Epoch [140/200], Loss: 0.8649

Epoch [140/200], Test Loss: 1.4797

Epoch [141/200], Loss: 0.8703

Epoch [141/200], Test Loss: 1.4943

Epoch [142/200], Loss: 0.8875

Epoch [142/200], Test Loss: 1.5411

Epoch [143/200], Loss: 0.8774

Epoch [143/200], Test Loss: 1.6300

Epoch [144/200], Loss: 0.8824

Epoch [144/200], Test Loss: 1.5449

Epoch [145/200], Loss: 0.8734

Epoch [145/200], Test Loss: 1.4591

Epoch [146/200], Loss: 0.8641

Epoch [146/200], Test Loss: 1.6262

Epoch [147/200], Loss: 0.8840

Epoch [147/200], Test Loss: 1.4397

Epoch [148/200], Loss: 0.8703

Epoch [148/200], Test Loss: 1.5147

Epoch [149/200], Loss: 0.8697

Epoch [149/200], Test Loss: 1.4964

Epoch [150/200], Loss: 0.8581

Epoch [150/200], Test Loss: 1.4637

Epoch [151/200], Loss: 0.8638

Epoch [151/200], Test Loss: 1.5655

Epoch [152/200], Loss: 0.8760

Epoch [152/200], Test Loss: 1.4424

Epoch [153/200], Loss: 0.8679

Epoch [153/200], Test Loss: 1.5284

Epoch [154/200], Loss: 0.8667

Epoch [154/200], Test Loss: 1.5290

Epoch [155/200], Loss: 0.8680

Epoch [155/200], Test Loss: 1.4819

Epoch [156/200], Loss: 0.8574

Epoch [156/200], Test Loss: 1.5320

Epoch [157/200], Loss: 0.8619

Epoch [157/200], Test Loss: 1.5372

Epoch [158/200], Loss: 0.8624

Epoch [158/200], Test Loss: 1.5799

Epoch [159/200], Loss: 0.8711

Epoch [159/200], Test Loss: 1.6710

Epoch [160/200], Loss: 0.8585

Epoch [160/200], Test Loss: 1.4660

Epoch [161/200], Loss: 0.8687

Epoch [161/200], Test Loss: 1.4661

Epoch [162/200], Loss: 0.8590

Epoch [162/200], Test Loss: 1.5362

Epoch [163/200], Loss: 0.8605

Epoch [163/200], Test Loss: 1.5000

Epoch [164/200], Loss: 0.8534

Epoch [164/200], Test Loss: 1.4439

Epoch [165/200], Loss: 0.8547

Epoch [165/200], Test Loss: 1.4795

Epoch [166/200], Loss: 0.8593

Epoch [166/200], Test Loss: 1.4667

Epoch [167/200], Loss: 0.8596

Epoch [167/200], Test Loss: 1.4737

Epoch [168/200], Loss: 0.8570

Epoch [168/200], Test Loss: 1.4527

Epoch [169/200], Loss: 0.8603

Epoch [169/200], Test Loss: 1.4901

Epoch [170/200], Loss: 0.8560

Epoch [170/200], Test Loss: 1.5053

Epoch [171/200], Loss: 0.8467

Epoch [171/200], Test Loss: 1.5023

Epoch [172/200], Loss: 0.8447

Epoch [172/200], Test Loss: 1.5094

Epoch [173/200], Loss: 0.8492

Epoch [173/200], Test Loss: 1.4779

Epoch [174/200], Loss: 0.8663

Epoch [174/200], Test Loss: 1.5773

Epoch [175/200], Loss: 0.8558

Epoch [175/200], Test Loss: 1.4657

Epoch [176/200], Loss: 0.8456

Epoch [176/200], Test Loss: 1.5553

Epoch [177/200], Loss: 0.8446

Epoch [177/200], Test Loss: 1.5040

Epoch [178/200], Loss: 0.8480

Epoch [178/200], Test Loss: 1.4697

Epoch [179/200], Loss: 0.8414

Epoch [179/200], Test Loss: 1.5535

Epoch [180/200], Loss: 0.8469

Epoch [180/200], Test Loss: 1.5446

Epoch [181/200], Loss: 0.8424

Epoch [181/200], Test Loss: 1.5348

Epoch [182/200], Loss: 0.8430

Epoch [182/200], Test Loss: 1.5123

Epoch [183/200], Loss: 0.8494

Epoch [183/200], Test Loss: 1.4576

Epoch [184/200], Loss: 0.8488

Epoch [184/200], Test Loss: 1.5752

Epoch [185/200], Loss: 0.8427

Epoch [185/200], Test Loss: 1.4516

Epoch [186/200], Loss: 0.8408

Epoch [186/200], Test Loss: 1.4845

Epoch [187/200], Loss: 0.8396

Epoch [187/200], Test Loss: 1.5284

Epoch [188/200], Loss: 0.8451

Epoch [188/200], Test Loss: 1.5024

Epoch [189/200], Loss: 0.8451

Epoch [189/200], Test Loss: 1.5072

Epoch [190/200], Loss: 0.8436

Epoch [190/200], Test Loss: 1.5431

Epoch [191/200], Loss: 0.8367

Epoch [191/200], Test Loss: 1.5437

Epoch [192/200], Loss: 0.8294

Epoch [192/200], Test Loss: 1.5476

Epoch [193/200], Loss: 0.8373

Epoch [193/200], Test Loss: 1.5811

Epoch [194/200], Loss: 0.8323

Epoch [194/200], Test Loss: 1.5550

Epoch [195/200], Loss: 0.8365

Epoch [195/200], Test Loss: 1.5198

Epoch [196/200], Loss: 0.8339

Epoch [196/200], Test Loss: 1.5869

Epoch [197/200], Loss: 0.8307

Epoch [197/200], Test Loss: 1.5147

Epoch [198/200], Loss: 0.8382

Epoch [198/200], Test Loss: 1.4702

Epoch [199/200], Loss: 0.8318

Epoch [199/200], Test Loss: 1.5226

Epoch [200/200], Loss: 0.8232

Epoch [200/200], Test Loss: 1.8027

Training finished!

Test Accuracy: 0.57

Cifar10-resnet50-original:

Epoch [1/200], Loss: 2.8079

Epoch [2/200], Loss: 1.0066

Epoch [3/200], Loss: 0.7892

Epoch [4/200], Loss: 0.6735

Epoch [5/200], Loss: 0.5966

Epoch [6/200], Loss: 0.5401

Epoch [7/200], Loss: 0.5029

Epoch [8/200], Loss: 0.4634

Epoch [9/200], Loss: 0.4313

Epoch [10/200], Loss: 0.4042

Epoch [11/200], Loss: 0.3812

Epoch [12/200], Loss: 0.3629

Epoch [13/200], Loss: 0.3409

Epoch [14/200], Loss: 0.3261

Epoch [15/200], Loss: 0.3082

Epoch [16/200], Loss: 0.2888

Epoch [17/200], Loss: 0.2851

Epoch [18/200], Loss: 0.2703

Epoch [19/200], Loss: 0.2481

Epoch [20/200], Loss: 0.2431

Epoch [21/200], Loss: 0.2344

Epoch [22/200], Loss: 0.2211

Epoch [23/200], Loss: 0.2133

Epoch [24/200], Loss: 0.2007

Epoch [25/200], Loss: 0.1892

Epoch [26/200], Loss: 0.1838

Epoch [27/200], Loss: 0.1780

Epoch [28/200], Loss: 0.1705

Epoch [29/200], Loss: 0.1632

Epoch [30/200], Loss: 0.1555

Epoch [31/200], Loss: 0.1463

Epoch [32/200], Loss: 0.1387

Epoch [33/200], Loss: 0.1333

Epoch [34/200], Loss: 0.1320

Epoch [35/200], Loss: 0.1238

Epoch [36/200], Loss: 0.1180

Epoch [37/200], Loss: 0.1129

Epoch [38/200], Loss: 0.1095

Epoch [39/200], Loss: 0.1041

Epoch [40/200], Loss: 0.1025

Epoch [41/200], Loss: 0.1001

Epoch [42/200], Loss: 0.0917

Epoch [43/200], Loss: 0.0882

Epoch [44/200], Loss: 0.0886

Epoch [45/200], Loss: 0.0855

Epoch [46/200], Loss: 0.0804

Epoch [47/200], Loss: 0.0815

Epoch [48/200], Loss: 0.0732

Epoch [49/200], Loss: 0.0758

Epoch [50/200], Loss: 0.0705

Epoch [51/200], Loss: 0.0703

Epoch [52/200], Loss: 0.0658

Epoch [53/200], Loss: 0.0651

Epoch [54/200], Loss: 0.0651

Epoch [55/200], Loss: 0.0604

Epoch [56/200], Loss: 0.0601

Epoch [57/200], Loss: 0.0585

Epoch [58/200], Loss: 0.0538

Epoch [59/200], Loss: 0.0539

Epoch [60/200], Loss: 0.0540

Epoch [61/200], Loss: 0.0513

Epoch [62/200], Loss: 0.0502

Epoch [63/200], Loss: 0.0495

Epoch [64/200], Loss: 0.0465

Epoch [65/200], Loss: 0.0455

Epoch [66/200], Loss: 0.0451

Epoch [67/200], Loss: 0.0436

Epoch [68/200], Loss: 0.0427

Epoch [69/200], Loss: 0.0422

Epoch [70/200], Loss: 0.0410

Epoch [71/200], Loss: 0.0395

Epoch [72/200], Loss: 0.0385

Epoch [73/200], Loss: 0.0412

Epoch [74/200], Loss: 0.0360

Epoch [75/200], Loss: 0.0366

Epoch [76/200], Loss: 0.0360

Epoch [77/200], Loss: 0.0350

Epoch [78/200], Loss: 0.0332

Epoch [79/200], Loss: 0.0322

Epoch [80/200], Loss: 0.0328

Epoch [81/200], Loss: 0.0339

Epoch [82/200], Loss: 0.0326

Epoch [83/200], Loss: 0.0289

Epoch [84/200], Loss: 0.0311

Epoch [85/200], Loss: 0.0305

Epoch [86/200], Loss: 0.0293

Epoch [87/200], Loss: 0.0293

Epoch [88/200], Loss: 0.0304

Epoch [89/200], Loss: 0.0293

Epoch [90/200], Loss: 0.0270

Epoch [91/200], Loss: 0.0266

Epoch [92/200], Loss: 0.0275

Epoch [93/200], Loss: 0.0265

Epoch [94/200], Loss: 0.0265

Epoch [95/200], Loss: 0.0275

Epoch [96/200], Loss: 0.0278

Epoch [97/200], Loss: 0.0245

Epoch [98/200], Loss: 0.0263

Epoch [99/200], Loss: 0.0248

Epoch [100/200], Loss: 0.0264

Epoch [101/200], Loss: 0.0254

Epoch [102/200], Loss: 0.0239

Epoch [103/200], Loss: 0.0243

Epoch [104/200], Loss: 0.0227

Epoch [105/200], Loss: 0.0230

Epoch [106/200], Loss: 0.0215

Epoch [107/200], Loss: 0.0222

Epoch [108/200], Loss: 0.0212

Epoch [109/200], Loss: 0.0210

Epoch [110/200], Loss: 0.0194

Epoch [111/200], Loss: 0.0210

Epoch [112/200], Loss: 0.0224

Epoch [113/200], Loss: 0.0205

Epoch [114/200], Loss: 0.0186

Epoch [115/200], Loss: 0.0208

Epoch [116/200], Loss: 0.0205

Epoch [117/200], Loss: 0.0203

Epoch [118/200], Loss: 0.0199

Epoch [119/200], Loss: 0.0209

Epoch [120/200], Loss: 0.0201

Epoch [121/200], Loss: 0.0191

Epoch [122/200], Loss: 0.0185

Epoch [123/200], Loss: 0.0190

Epoch [124/200], Loss: 0.0189

Epoch [125/200], Loss: 0.0172

Epoch [126/200], Loss: 0.0184

Epoch [127/200], Loss: 0.0188

Epoch [128/200], Loss: 0.0183

Epoch [129/200], Loss: 0.0185

Epoch [130/200], Loss: 0.0180

Epoch [131/200], Loss: 0.0171

Epoch [132/200], Loss: 0.0175

Epoch [133/200], Loss: 0.0172

Epoch [134/200], Loss: 0.0195

Epoch [135/200], Loss: 0.0170

Epoch [136/200], Loss: 0.0160

Epoch [137/200], Loss: 0.0165

Epoch [138/200], Loss: 0.0174

Epoch [139/200], Loss: 0.0179

Epoch [140/200], Loss: 0.0172

Epoch [141/200], Loss: 0.0189

Epoch [142/200], Loss: 0.0191

Epoch [143/200], Loss: 0.0179

Epoch [144/200], Loss: 0.0185

Epoch [145/200], Loss: 0.0167

Epoch [146/200], Loss: 0.0182

Epoch [147/200], Loss: 0.0158

Epoch [148/200], Loss: 0.0155

Epoch [149/200], Loss: 0.0161

Epoch [150/200], Loss: 0.0156

Epoch [151/200], Loss: 0.0161

Epoch [152/200], Loss: 0.0159

Epoch [153/200], Loss: 0.0163

Epoch [154/200], Loss: 0.0168

Epoch [155/200], Loss: 0.0166

Epoch [156/200], Loss: 0.0158

Epoch [157/200], Loss: 0.0173

Epoch [158/200], Loss: 0.0168

Epoch [159/200], Loss: 0.0171

Epoch [160/200], Loss: 0.0156

Epoch [161/200], Loss: 0.0178

Epoch [162/200], Loss: 0.0172

Epoch [163/200], Loss: 0.0171

Epoch [164/200], Loss: 0.0152

Epoch [165/200], Loss: 0.0154

Epoch [166/200], Loss: 0.0145

Epoch [167/200], Loss: 0.0160

Epoch [168/200], Loss: 0.0176

Epoch [169/200], Loss: 0.0151

Epoch [170/200], Loss: 0.0169

Epoch [171/200], Loss: 0.0166

Epoch [172/200], Loss: 0.0161

Epoch [173/200], Loss: 0.0150

Epoch [174/200], Loss: 0.0164

Epoch [175/200], Loss: 0.0162

Epoch [176/200], Loss: 0.0152

Epoch [177/200], Loss: 0.0141

Epoch [178/200], Loss: 0.0153

Epoch [179/200], Loss: 0.0151

Epoch [180/200], Loss: 0.0149

Epoch [181/200], Loss: 0.0161

Epoch [182/200], Loss: 0.0165

Epoch [183/200], Loss: 0.0158

Epoch [184/200], Loss: 0.0149

Epoch [185/200], Loss: 0.0171

Epoch [186/200], Loss: 0.0155

Epoch [187/200], Loss: 0.0153

Epoch [188/200], Loss: 0.0161

Epoch [189/200], Loss: 0.0162

Epoch [190/200], Loss: 0.0177

Epoch [191/200], Loss: 0.0167

Epoch [192/200], Loss: 0.0153

Epoch [193/200], Loss: 0.0168

Epoch [194/200], Loss: 0.0152

Epoch [195/200], Loss: 0.0188

Epoch [196/200], Loss: 0.0166

Epoch [197/200], Loss: 0.0147

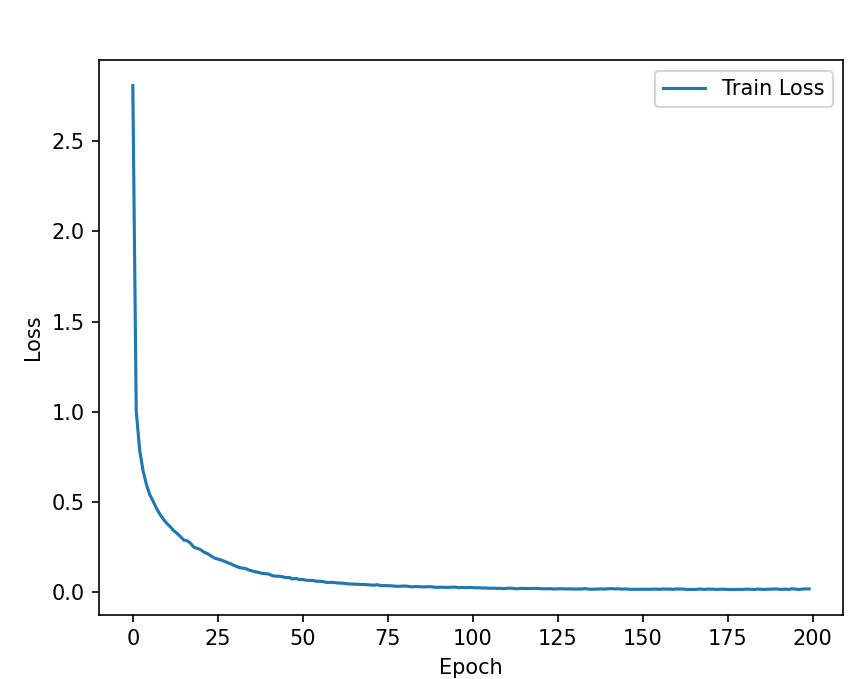
Epoch [198/200], Loss: 0.0169

Epoch [199/200], Loss: 0.0180

Epoch [200/200], Loss: 0.0181

Training finished!

Test Loss Rate: 10.71 %



Resnet50\_cifar10\_original:

Epoch: 0

Loss: 2.635 | Acc: 17.382% (8691/50000)

Loss: 1.924 | Acc: 25.820% (2582/10000)

Epoch: 1

Loss: 1.775 | Acc: 32.688% (16344/50000)

Loss: 1.585 | Acc: 41.230% (4123/10000)

Epoch: 2

Loss: 1.607 | Acc: 40.414% (20207/50000)

Loss: 1.561 | Acc: 41.650% (4165/10000)

Epoch: 3

Loss: 1.440 | Acc: 47.046% (23523/50000)

Loss: 1.372 | Acc: 49.120% (4912/10000)

Epoch: 4

Loss: 1.249 | Acc: 54.588% (27294/50000)

Loss: 1.220 | Acc: 56.000% (5600/10000)

Epoch: 5

Loss: 1.075 | Acc: 61.620% (30810/50000)

Loss: 1.060 | Acc: 62.130% (6213/10000)

Epoch: 6

Loss: 0.958 | Acc: 65.900% (32950/50000)

Loss: 1.212 | Acc: 59.460% (5946/10000)

Epoch: 7

Loss: 0.865 | Acc: 69.260% (34630/50000)

Loss: 0.919 | Acc: 67.690% (6769/10000)

Epoch: 8

Loss: 0.777 | Acc: 72.814% (36407/50000)

Loss: 0.814 | Acc: 72.230% (7223/10000)

Epoch: 9

Loss: 0.699 | Acc: 75.690% (37845/50000)

Loss: 0.801 | Acc: 73.340% (7334/10000)

Epoch: 10

Loss: 0.664 | Acc: 77.198% (38599/50000)

Loss: 0.708 | Acc: 75.680% (7568/10000)

Epoch: 11

Loss: 0.624 | Acc: 78.482% (39241/50000)

Loss: 0.755 | Acc: 74.940% (7494/10000)

Epoch: 12

Loss: 0.603 | Acc: 79.302% (39651/50000)

Loss: 0.922 | Acc: 71.400% (7140/10000)

Epoch: 13

Loss: 0.582 | Acc: 80.040% (40020/50000)

Loss: 0.793 | Acc: 74.730% (7473/10000)

Epoch: 14

Loss: 0.570 | Acc: 80.546% (40273/50000)

Loss: 0.894 | Acc: 70.640% (7064/10000)

Epoch: 15

Loss: 0.552 | Acc: 81.018% (40509/50000)

Loss: 0.725 | Acc: 75.860% (7586/10000)

Epoch: 16

Loss: 0.536 | Acc: 81.638% (40819/50000)

Loss: 0.869 | Acc: 72.770% (7277/10000)

Epoch: 17

Loss: 0.532 | Acc: 81.606% (40803/50000)

Loss: 0.734 | Acc: 75.810% (7581/10000)

Epoch: 18

Loss: 0.518 | Acc: 81.946% (40973/50000)

Loss: 0.594 | Acc: 80.260% (8026/10000)

Epoch: 19

Loss: 0.502 | Acc: 82.748% (41374/50000)

Loss: 0.650 | Acc: 78.270% (7827/10000)

Epoch: 20

Loss: 0.491 | Acc: 83.174% (41587/50000)

Loss: 0.890 | Acc: 71.680% (7168/10000)

Epoch: 21

Loss: 0.483 | Acc: 83.446% (41723/50000)

Loss: 0.629 | Acc: 79.880% (7988/10000)

Epoch: 22

Loss: 0.486 | Acc: 83.310% (41655/50000)

Loss: 1.001 | Acc: 70.330% (7033/10000)

Epoch: 23

Loss: 0.468 | Acc: 83.936% (41968/50000)

Loss: 0.571 | Acc: 80.400% (8040/10000)

Epoch: 24

Loss: 0.462 | Acc: 84.142% (42071/50000)

Loss: 0.733 | Acc: 76.550% (7655/10000)

Epoch: 25

Loss: 0.469 | Acc: 83.862% (41931/50000)

Loss: 0.683 | Acc: 78.070% (7807/10000)

Epoch: 26

Loss: 0.449 | Acc: 84.384% (42192/50000)

Loss: 0.494 | Acc: 82.920% (8292/10000)

Epoch: 27

Loss: 0.448 | Acc: 84.550% (42275/50000)

Loss: 0.803 | Acc: 74.930% (7493/10000)

Epoch: 28

Loss: 0.444 | Acc: 84.710% (42355/50000)

Loss: 0.694 | Acc: 77.630% (7763/10000)

Epoch: 29

Loss: 0.433 | Acc: 85.150% (42575/50000)

Loss: 0.607 | Acc: 80.250% (8025/10000)

Epoch: 30

Loss: 0.435 | Acc: 85.132% (42566/50000)

Loss: 0.529 | Acc: 81.450% (8145/10000)

Epoch: 31

Loss: 0.425 | Acc: 85.432% (42716/50000)

Loss: 0.705 | Acc: 76.960% (7696/10000)

Epoch: 32

Loss: 0.424 | Acc: 85.412% (42706/50000)

Loss: 0.754 | Acc: 75.960% (7596/10000)

Epoch: 33

Loss: 0.419 | Acc: 85.622% (42811/50000)

Loss: 0.758 | Acc: 76.980% (7698/10000)

Epoch: 34

Loss: 0.416 | Acc: 85.762% (42881/50000)

Loss: 0.496 | Acc: 83.110% (8311/10000)

Epoch: 35

Loss: 0.412 | Acc: 85.866% (42933/50000)

Loss: 0.500 | Acc: 83.300% (8330/10000)

Epoch: 36

Loss: 0.410 | Acc: 85.864% (42932/50000)

Loss: 0.643 | Acc: 79.090% (7909/10000)

Epoch: 37

Loss: 0.396 | Acc: 86.588% (43294/50000)

Loss: 0.569 | Acc: 81.350% (8135/10000)

Epoch: 38

Loss: 0.391 | Acc: 86.656% (43328/50000)

Loss: 0.624 | Acc: 79.930% (7993/10000)

Epoch: 39

Loss: 0.392 | Acc: 86.474% (43237/50000)

Loss: 0.658 | Acc: 78.420% (7842/10000)

Epoch: 40

Loss: 0.395 | Acc: 86.424% (43212/50000)

Loss: 0.621 | Acc: 80.200% (8020/10000)

Epoch: 41

Loss: 0.388 | Acc: 86.574% (43287/50000)

Loss: 0.589 | Acc: 80.970% (8097/10000)

Epoch: 42

Loss: 0.380 | Acc: 86.820% (43410/50000)

Loss: 0.705 | Acc: 77.120% (7712/10000)

Epoch: 43

Loss: 0.378 | Acc: 87.070% (43535/50000)

Loss: 0.619 | Acc: 80.060% (8006/10000)

Epoch: 44

Loss: 0.382 | Acc: 87.014% (43507/50000)

Loss: 0.579 | Acc: 80.610% (8061/10000)

Epoch: 45

Loss: 0.375 | Acc: 87.092% (43546/50000)

Loss: 0.628 | Acc: 80.140% (8014/10000)

Epoch: 46

Loss: 0.374 | Acc: 87.146% (43573/50000)

Loss: 0.571 | Acc: 81.210% (8121/10000)

Epoch: 47

Loss: 0.369 | Acc: 87.288% (43644/50000)

Loss: 0.791 | Acc: 77.740% (7774/10000)

Epoch: 48

Loss: 0.369 | Acc: 87.224% (43612/50000)

Loss: 0.512 | Acc: 82.990% (8299/10000)

Epoch: 49

Loss: 0.361 | Acc: 87.702% (43851/50000)

Loss: 0.445 | Acc: 85.170% (8517/10000)

Epoch: 50

Loss: 0.359 | Acc: 87.560% (43780/50000)

Loss: 0.492 | Acc: 83.760% (8376/10000)

Epoch: 51

Loss: 0.357 | Acc: 87.664% (43832/50000)

Loss: 0.510 | Acc: 83.420% (8342/10000)

Epoch: 52

Loss: 0.356 | Acc: 87.784% (43892/50000)

Loss: 0.453 | Acc: 84.890% (8489/10000)

Epoch: 53

Loss: 0.358 | Acc: 87.808% (43904/50000)

Loss: 0.472 | Acc: 84.260% (8426/10000)

Epoch: 54

Loss: 0.350 | Acc: 87.880% (43940/50000)

Loss: 0.541 | Acc: 82.680% (8268/10000)

Epoch: 55

Loss: 0.347 | Acc: 87.968% (43984/50000)

Loss: 0.952 | Acc: 73.080% (7308/10000)

Epoch: 56

Loss: 0.347 | Acc: 88.046% (44023/50000)

Loss: 0.685 | Acc: 78.140% (7814/10000)

Epoch: 57

Loss: 0.342 | Acc: 88.336% (44168/50000)

Loss: 0.716 | Acc: 77.580% (7758/10000)

Epoch: 58

Loss: 0.340 | Acc: 88.242% (44121/50000)

Loss: 0.509 | Acc: 83.330% (8333/10000)

Epoch: 59

Loss: 0.336 | Acc: 88.428% (44214/50000)

Loss: 0.482 | Acc: 83.870% (8387/10000)

Epoch: 60

Loss: 0.337 | Acc: 88.304% (44152/50000)

Loss: 0.544 | Acc: 83.060% (8306/10000)

Epoch: 61

Loss: 0.330 | Acc: 88.802% (44401/50000)

Loss: 0.490 | Acc: 84.160% (8416/10000)

Epoch: 62

Loss: 0.333 | Acc: 88.438% (44219/50000)

Loss: 0.437 | Acc: 85.560% (8556/10000)

Epoch: 63

Loss: 0.332 | Acc: 88.734% (44367/50000)

Loss: 0.586 | Acc: 81.480% (8148/10000)

Epoch: 64

Loss: 0.329 | Acc: 88.770% (44385/50000)

Loss: 0.469 | Acc: 84.780% (8478/10000)

Epoch: 65

Loss: 0.317 | Acc: 89.168% (44584/50000)

Loss: 0.587 | Acc: 81.710% (8171/10000)

Epoch: 66

Loss: 0.323 | Acc: 88.888% (44444/50000)

Loss: 0.452 | Acc: 85.610% (8561/10000)

Epoch: 67

Loss: 0.316 | Acc: 89.262% (44631/50000)

Loss: 0.460 | Acc: 85.420% (8542/10000)

Epoch: 68

Loss: 0.322 | Acc: 88.970% (44485/50000)

Loss: 0.544 | Acc: 82.920% (8292/10000)

Epoch: 69

Loss: 0.317 | Acc: 88.954% (44477/50000)

Loss: 0.573 | Acc: 81.800% (8180/10000)

Epoch: 70

Loss: 0.313 | Acc: 89.170% (44585/50000)

Loss: 0.459 | Acc: 85.100% (8510/10000)

Epoch: 71

Loss: 0.308 | Acc: 89.532% (44766/50000)

Loss: 0.544 | Acc: 82.560% (8256/10000)

Epoch: 72

Loss: 0.300 | Acc: 89.676% (44838/50000)

Loss: 0.537 | Acc: 83.020% (8302/10000)

Epoch: 73

Loss: 0.306 | Acc: 89.408% (44704/50000)

Loss: 0.575 | Acc: 82.000% (8200/10000)

Epoch: 74

Loss: 0.303 | Acc: 89.636% (44818/50000)

Loss: 0.510 | Acc: 83.610% (8361/10000)

Epoch: 75

Loss: 0.296 | Acc: 89.918% (44959/50000)

Loss: 0.482 | Acc: 84.180% (8418/10000)

Epoch: 76

Loss: 0.294 | Acc: 89.886% (44943/50000)

Loss: 0.365 | Acc: 88.150% (8815/10000)

Epoch: 77

Loss: 0.294 | Acc: 89.846% (44923/50000)

Loss: 0.408 | Acc: 86.270% (8627/10000)

Epoch: 78

Loss: 0.290 | Acc: 89.956% (44978/50000)

Loss: 0.417 | Acc: 86.390% (8639/10000)

Epoch: 79

Loss: 0.287 | Acc: 90.084% (45042/50000)

Loss: 0.579 | Acc: 81.680% (8168/10000)

Epoch: 80

Loss: 0.286 | Acc: 90.046% (45023/50000)

Loss: 0.435 | Acc: 85.680% (8568/10000)

Epoch: 81

Loss: 0.279 | Acc: 90.382% (45191/50000)

Loss: 0.478 | Acc: 84.360% (8436/10000)

Epoch: 82

Loss: 0.279 | Acc: 90.516% (45258/50000)

Loss: 0.387 | Acc: 86.990% (8699/10000)

Epoch: 83

Loss: 0.272 | Acc: 90.594% (45297/50000)

Loss: 0.510 | Acc: 83.480% (8348/10000)

Epoch: 84

Loss: 0.280 | Acc: 90.320% (45160/50000)

Loss: 0.431 | Acc: 85.910% (8591/10000)

Epoch: 85

Loss: 0.271 | Acc: 90.736% (45368/50000)

Loss: 0.487 | Acc: 84.900% (8490/10000)

Epoch: 86

Loss: 0.274 | Acc: 90.714% (45357/50000)

Loss: 0.476 | Acc: 84.390% (8439/10000)

Epoch: 87

Loss: 0.263 | Acc: 90.886% (45443/50000)

Loss: 0.535 | Acc: 83.550% (8355/10000)

Epoch: 88

Loss: 0.263 | Acc: 90.994% (45497/50000)

Loss: 0.516 | Acc: 83.970% (8397/10000)

Epoch: 89

Loss: 0.265 | Acc: 90.924% (45462/50000)

Loss: 0.431 | Acc: 85.920% (8592/10000)

Epoch: 90

Loss: 0.256 | Acc: 91.130% (45565/50000)

Loss: 0.373 | Acc: 87.980% (8798/10000)

Epoch: 91

Loss: 0.261 | Acc: 91.018% (45509/50000)

Loss: 0.374 | Acc: 87.420% (8742/10000)

Epoch: 92

Loss: 0.252 | Acc: 91.426% (45713/50000)

Loss: 0.363 | Acc: 88.250% (8825/10000)

Epoch: 93

Loss: 0.251 | Acc: 91.422% (45711/50000)

Loss: 0.438 | Acc: 85.700% (8570/10000)

Epoch: 94

Loss: 0.244 | Acc: 91.670% (45835/50000)

Loss: 0.426 | Acc: 86.300% (8630/10000)

Epoch: 95

Loss: 0.247 | Acc: 91.520% (45760/50000)

Loss: 0.345 | Acc: 88.320% (8832/10000)

Epoch: 96

Loss: 0.241 | Acc: 91.680% (45840/50000)

Loss: 0.407 | Acc: 87.160% (8716/10000)

Epoch: 97

Loss: 0.241 | Acc: 91.632% (45816/50000)

Loss: 0.587 | Acc: 81.200% (8120/10000)

Epoch: 98

Loss: 0.237 | Acc: 91.760% (45880/50000)

Loss: 0.422 | Acc: 86.440% (8644/10000)

Epoch: 99

Loss: 0.233 | Acc: 91.862% (45931/50000)

Loss: 0.384 | Acc: 87.510% (8751/10000)

Epoch: 100

Loss: 0.225 | Acc: 92.128% (46064/50000)

Loss: 0.514 | Acc: 84.040% (8404/10000)

Epoch: 101

Loss: 0.225 | Acc: 92.434% (46217/50000)

Loss: 0.396 | Acc: 87.140% (8714/10000)

Epoch: 102

Loss: 0.223 | Acc: 92.300% (46150/50000)

Loss: 0.651 | Acc: 80.770% (8077/10000)

Epoch: 103

Loss: 0.222 | Acc: 92.264% (46132/50000)

Loss: 0.392 | Acc: 87.340% (8734/10000)

Epoch: 104

Loss: 0.212 | Acc: 92.732% (46366/50000)

Loss: 0.429 | Acc: 86.030% (8603/10000)

Epoch: 105

Loss: 0.215 | Acc: 92.676% (46338/50000)

Loss: 0.394 | Acc: 87.420% (8742/10000)

Epoch: 106

Loss: 0.210 | Acc: 92.732% (46366/50000)

Loss: 0.361 | Acc: 88.090% (8809/10000)

Epoch: 107

Loss: 0.204 | Acc: 92.886% (46443/50000)

Loss: 0.445 | Acc: 86.510% (8651/10000)

Epoch: 108

Loss: 0.208 | Acc: 92.788% (46394/50000)

Loss: 0.501 | Acc: 84.230% (8423/10000)

Epoch: 109

Loss: 0.203 | Acc: 92.936% (46468/50000)

Loss: 0.340 | Acc: 88.970% (8897/10000)

Epoch: 110

Loss: 0.198 | Acc: 93.164% (46582/50000)

Loss: 0.298 | Acc: 90.140% (9014/10000)

Epoch: 111

Loss: 0.190 | Acc: 93.330% (46665/50000)

Loss: 0.377 | Acc: 87.870% (8787/10000)

Epoch: 112

Loss: 0.195 | Acc: 93.184% (46592/50000)

Loss: 0.391 | Acc: 88.150% (8815/10000)

Epoch: 113

Loss: 0.188 | Acc: 93.612% (46806/50000)

Loss: 0.400 | Acc: 87.850% (8785/10000)

Epoch: 114

Loss: 0.188 | Acc: 93.538% (46769/50000)

Loss: 0.292 | Acc: 90.390% (9039/10000)

Epoch: 115

Loss: 0.176 | Acc: 94.038% (47019/50000)

Loss: 0.384 | Acc: 88.020% (8802/10000)

Epoch: 116

Loss: 0.180 | Acc: 93.758% (46879/50000)

Loss: 0.370 | Acc: 88.150% (8815/10000)

Epoch: 117

Loss: 0.175 | Acc: 94.030% (47015/50000)

Loss: 0.359 | Acc: 88.970% (8897/10000)

Epoch: 118

Loss: 0.170 | Acc: 94.162% (47081/50000)

Loss: 0.341 | Acc: 89.050% (8905/10000)

Epoch: 119

Loss: 0.168 | Acc: 94.270% (47135/50000)

Loss: 0.349 | Acc: 89.070% (8907/10000)

Epoch: 120

Loss: 0.160 | Acc: 94.464% (47232/50000)

Loss: 0.366 | Acc: 88.390% (8839/10000)

Epoch: 121

Loss: 0.162 | Acc: 94.454% (47227/50000)

Loss: 0.443 | Acc: 86.760% (8676/10000)

Epoch: 122

Loss: 0.162 | Acc: 94.398% (47199/50000)

Loss: 0.312 | Acc: 89.660% (8966/10000)

Epoch: 123

Loss: 0.150 | Acc: 94.816% (47408/50000)

Loss: 0.301 | Acc: 90.510% (9051/10000)

Epoch: 124

Loss: 0.152 | Acc: 94.726% (47363/50000)

Loss: 0.351 | Acc: 89.290% (8929/10000)

Epoch: 125

Loss: 0.147 | Acc: 94.922% (47461/50000)

Loss: 0.421 | Acc: 87.060% (8706/10000)

Epoch: 126

Loss: 0.147 | Acc: 94.972% (47486/50000)

Loss: 0.371 | Acc: 88.630% (8863/10000)

Epoch: 127

Loss: 0.143 | Acc: 95.132% (47566/50000)

Loss: 0.296 | Acc: 90.620% (9062/10000)

Epoch: 128

Loss: 0.140 | Acc: 95.182% (47591/50000)

Loss: 0.323 | Acc: 89.720% (8972/10000)

Epoch: 129

Loss: 0.131 | Acc: 95.458% (47729/50000)

Loss: 0.334 | Acc: 89.840% (8984/10000)

Epoch: 130

Loss: 0.126 | Acc: 95.614% (47807/50000)

Loss: 0.332 | Acc: 89.850% (8985/10000)

Epoch: 131

Loss: 0.127 | Acc: 95.626% (47813/50000)

Loss: 0.366 | Acc: 89.320% (8932/10000)

Epoch: 132

Loss: 0.124 | Acc: 95.652% (47826/50000)

Loss: 0.329 | Acc: 89.740% (8974/10000)

Epoch: 133

Loss: 0.122 | Acc: 95.782% (47891/50000)

Loss: 0.300 | Acc: 90.910% (9091/10000)

Epoch: 134

Loss: 0.115 | Acc: 96.008% (48004/50000)

Loss: 0.315 | Acc: 90.530% (9053/10000)

Epoch: 135

Loss: 0.114 | Acc: 96.092% (48046/50000)

Loss: 0.350 | Acc: 89.440% (8944/10000)

Epoch: 136

Loss: 0.103 | Acc: 96.460% (48230/50000)

Loss: 0.327 | Acc: 90.020% (9002/10000)

Epoch: 137

Loss: 0.103 | Acc: 96.482% (48241/50000)

Loss: 0.336 | Acc: 90.030% (9003/10000)

Epoch: 138

Loss: 0.104 | Acc: 96.396% (48198/50000)

Loss: 0.280 | Acc: 91.300% (9130/10000)

Epoch: 139

Loss: 0.094 | Acc: 96.784% (48392/50000)

Loss: 0.304 | Acc: 91.040% (9104/10000)

Epoch: 140

Loss: 0.091 | Acc: 96.922% (48461/50000)

Loss: 0.272 | Acc: 91.510% (9151/10000)

Epoch: 141

Loss: 0.091 | Acc: 96.890% (48445/50000)

Loss: 0.301 | Acc: 91.150% (9115/10000)

Epoch: 142

Loss: 0.084 | Acc: 97.096% (48548/50000)

Loss: 0.303 | Acc: 91.330% (9133/10000)

Epoch: 143

Loss: 0.079 | Acc: 97.320% (48660/50000)

Loss: 0.262 | Acc: 92.070% (9207/10000)

Epoch: 144

Loss: 0.076 | Acc: 97.380% (48690/50000)

Loss: 0.316 | Acc: 90.630% (9063/10000)

Epoch: 145

Loss: 0.078 | Acc: 97.284% (48642/50000)

Loss: 0.289 | Acc: 91.490% (9149/10000)

Epoch: 146

Loss: 0.074 | Acc: 97.462% (48731/50000)

Loss: 0.267 | Acc: 92.260% (9226/10000)

Epoch: 147

Loss: 0.064 | Acc: 97.808% (48904/50000)

Loss: 0.346 | Acc: 90.700% (9070/10000)

Epoch: 148

Loss: 0.064 | Acc: 97.856% (48928/50000)

Loss: 0.270 | Acc: 92.330% (9233/10000)

Epoch: 149

Loss: 0.060 | Acc: 97.958% (48979/50000)

Loss: 0.292 | Acc: 91.950% (9195/10000)

Epoch: 150

Loss: 0.062 | Acc: 97.848% (48924/50000)

Loss: 0.281 | Acc: 91.890% (9189/10000)

Epoch: 151

Loss: 0.052 | Acc: 98.346% (49173/50000)

Loss: 0.272 | Acc: 92.410% (9241/10000)

Epoch: 152

Loss: 0.052 | Acc: 98.272% (49136/50000)

Loss: 0.300 | Acc: 92.040% (9204/10000)

Epoch: 153

Loss: 0.045 | Acc: 98.442% (49221/50000)

Loss: 0.277 | Acc: 92.390% (9239/10000)

Epoch: 154

Loss: 0.047 | Acc: 98.446% (49223/50000)

Loss: 0.239 | Acc: 93.200% (9320/10000)

Epoch: 155

Loss: 0.042 | Acc: 98.630% (49315/50000)

Loss: 0.232 | Acc: 93.520% (9352/10000)

Epoch: 156

Loss: 0.039 | Acc: 98.768% (49384/50000)

Loss: 0.298 | Acc: 92.170% (9217/10000)

Epoch: 157

Loss: 0.036 | Acc: 98.886% (49443/50000)

Loss: 0.265 | Acc: 92.890% (9289/10000)

Epoch: 158

Loss: 0.030 | Acc: 99.062% (49531/50000)

Loss: 0.275 | Acc: 92.710% (9271/10000)

Epoch: 159

Loss: 0.026 | Acc: 99.160% (49580/50000)

Loss: 0.245 | Acc: 93.290% (9329/10000)

Epoch: 160

Loss: 0.026 | Acc: 99.170% (49585/50000)

Loss: 0.249 | Acc: 93.390% (9339/10000)

Epoch: 161

Loss: 0.028 | Acc: 99.110% (49555/50000)

Loss: 0.253 | Acc: 93.370% (9337/10000)

Epoch: 162

Loss: 0.020 | Acc: 99.416% (49708/50000)

Loss: 0.242 | Acc: 93.740% (9374/10000)

Epoch: 163

Loss: 0.018 | Acc: 99.456% (49728/50000)

Loss: 0.237 | Acc: 93.720% (9372/10000)

Epoch: 164

Loss: 0.014 | Acc: 99.574% (49787/50000)

Loss: 0.241 | Acc: 93.770% (9377/10000)

Epoch: 165

Loss: 0.014 | Acc: 99.596% (49798/50000)

Loss: 0.222 | Acc: 94.040% (9404/10000)

Epoch: 166

Loss: 0.013 | Acc: 99.612% (49806/50000)

Loss: 0.213 | Acc: 94.550% (9455/10000)

Epoch: 167

Loss: 0.010 | Acc: 99.728% (49864/50000)

Loss: 0.234 | Acc: 94.080% (9408/10000)

Epoch: 168

Loss: 0.008 | Acc: 99.796% (49898/50000)

Loss: 0.228 | Acc: 94.120% (9412/10000)

Epoch: 169

Loss: 0.008 | Acc: 99.800% (49900/50000)

Loss: 0.237 | Acc: 94.220% (9422/10000)

Epoch: 170

Loss: 0.007 | Acc: 99.844% (49922/50000)

Loss: 0.225 | Acc: 94.550% (9455/10000)

Epoch: 171

Loss: 0.006 | Acc: 99.852% (49926/50000)

Loss: 0.227 | Acc: 94.420% (9442/10000)

Epoch: 172

Loss: 0.004 | Acc: 99.940% (49970/50000)

Loss: 0.207 | Acc: 94.890% (9489/10000)

Epoch: 173

Loss: 0.004 | Acc: 99.942% (49971/50000)

Loss: 0.203 | Acc: 94.860% (9486/10000)

Epoch: 174

Loss: 0.003 | Acc: 99.938% (49969/50000)

Loss: 0.207 | Acc: 95.100% (9510/10000)

Epoch: 175

Loss: 0.003 | Acc: 99.956% (49978/50000)

Loss: 0.198 | Acc: 95.120% (9512/10000)

Epoch: 176

Loss: 0.003 | Acc: 99.936% (49968/50000)

Loss: 0.202 | Acc: 95.170% (9517/10000)

Epoch: 177

Loss: 0.003 | Acc: 99.954% (49977/50000)

Loss: 0.196 | Acc: 95.330% (9533/10000)

Epoch: 178

Loss: 0.003 | Acc: 99.966% (49983/50000)

Loss: 0.202 | Acc: 95.300% (9530/10000)

Epoch: 179

Loss: 0.002 | Acc: 99.986% (49993/50000)

Loss: 0.198 | Acc: 95.290% (9529/10000)

Epoch: 180

Loss: 0.002 | Acc: 99.982% (49991/50000)

Loss: 0.195 | Acc: 95.360% (9536/10000)

Epoch: 181

Loss: 0.002 | Acc: 99.980% (49990/50000)

Loss: 0.194 | Acc: 95.300% (9530/10000)

Epoch: 182

Loss: 0.002 | Acc: 99.984% (49992/50000)

Loss: 0.191 | Acc: 95.450% (9545/10000)

Epoch: 183

Loss: 0.002 | Acc: 99.982% (49991/50000)

Loss: 0.190 | Acc: 95.490% (9549/10000)

Epoch: 184

Loss: 0.002 | Acc: 99.988% (49994/50000)

Loss: 0.190 | Acc: 95.500% (9550/10000)

Epoch: 185

Loss: 0.002 | Acc: 99.988% (49994/50000)

Loss: 0.190 | Acc: 95.370% (9537/10000)

Epoch: 186

Loss: 0.002 | Acc: 99.988% (49994/50000)

Loss: 0.190 | Acc: 95.480% (9548/10000)

Epoch: 187

Loss: 0.002 | Acc: 99.992% (49996/50000)

Loss: 0.189 | Acc: 95.430% (9543/10000)

Epoch: 188

Loss: 0.001 | Acc: 99.990% (49995/50000)

Loss: 0.188 | Acc: 95.440% (9544/10000)

Epoch: 189

Loss: 0.001 | Acc: 99.996% (49998/50000)

Loss: 0.189 | Acc: 95.420% (9542/10000)

Epoch: 190

Loss: 0.002 | Acc: 99.990% (49995/50000)

Loss: 0.185 | Acc: 95.400% (9540/10000)

Epoch: 191

Loss: 0.002 | Acc: 99.986% (49993/50000)

Loss: 0.187 | Acc: 95.470% (9547/10000)

Epoch: 192

Loss: 0.002 | Acc: 99.988% (49994/50000)

Loss: 0.189 | Acc: 95.460% (9546/10000)

Epoch: 193

Loss: 0.001 | Acc: 99.996% (49998/50000)

Loss: 0.188 | Acc: 95.480% (9548/10000)

Epoch: 194

Loss: 0.001 | Acc: 99.998% (49999/50000)

Loss: 0.187 | Acc: 95.440% (9544/10000)

Epoch: 195

Loss: 0.001 | Acc: 99.992% (49996/50000)

Loss: 0.189 | Acc: 95.370% (9537/10000)

Epoch: 196

Loss: 0.002 | Acc: 99.992% (49996/50000)

Loss: 0.188 | Acc: 95.450% (9545/10000)

Epoch: 197

Loss: 0.001 | Acc: 99.990% (49995/50000)

Loss: 0.190 | Acc: 95.430% (9543/10000)

Epoch: 198

Loss: 0.001 | Acc: 99.998% (49999/50000)

Loss: 0.187 | Acc: 95.490% (9549/10000)

Epoch: 199

Loss: 0.001 | Acc: 99.994% (49997/50000)

Loss: 0.186 | Acc: 95.530% (9553/10000)