ssh://wql@10.13.88.147:3060/home/wql/.conda/envs/pytorch/bin/python3.7 -u /home/wql/PycharmProjects/xukai/RepeatPointNet/pointnet\_train.py

Please input epoches: 200

200

Please input batch size: 32

32

Running Epoch: 1

100%|█████████████████████████████████████████| 380/380 [01:33<00:00, 4.07it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.42it/s]

eval mIoU of Airplane 0.544334

eval mIoU of Bag 0.525818

eval mIoU of Cap 0.586570

eval mIoU of Car 0.235563

eval mIoU of Chair 0.793356

eval mIoU of Earphone 0.367059

eval mIoU of Guitar 0.771098

eval mIoU of Knife 0.774090

eval mIoU of Lamp 0.612562

eval mIoU of Laptop 0.897216

eval mIoU of Motorbike 0.211119

eval mIoU of Mug 0.470993

eval mIoU of Pistol 0.547170

eval mIoU of Rocket 0.369771

eval mIoU of Skateboard 0.326487

eval mIoU of Table 0.760968

Epoch 1 test Accuracy: 0.852424 Class avg mIOU: 0.549636 Instance avg mIOU: 0.670847

epoch accuarcy: 0.8524244339070856

time consuming: 100s

mIOU: 0.6708466021036481

epoch 1 will be saved.

Saving at log/checkpoints/best\_model.pth

Saving model....

Best accuracy is: 0.85242

Best class avg mIOU is: 0.54964

Best instance avg mIOU is: 0.67085

Running Epoch: 2

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.15it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.43it/s]

eval mIoU of Airplane 0.585232

eval mIoU of Bag 0.559911

eval mIoU of Cap 0.549676

eval mIoU of Car 0.466270

eval mIoU of Chair 0.821243

eval mIoU of Earphone 0.477653

eval mIoU of Guitar 0.752796

eval mIoU of Knife 0.547458

eval mIoU of Lamp 0.639588

eval mIoU of Laptop 0.944204

eval mIoU of Motorbike 0.280340

eval mIoU of Mug 0.470993

eval mIoU of Pistol 0.574131

eval mIoU of Rocket 0.382383

eval mIoU of Skateboard 0.333519

eval mIoU of Table 0.810254

Epoch 2 test Accuracy: 0.868909 Class avg mIOU: 0.574728 Instance avg mIOU: 0.710869

epoch accuarcy: 0.868908756684492

time consuming: 99s

mIOU: 0.7108686809306092

epoch 2 will be saved.

Saving at log/checkpoints/best\_model.pth

Saving model....

Best accuracy is: 0.86891

Best class avg mIOU is: 0.57473

Best instance avg mIOU is: 0.71087

Running Epoch: 3

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.15it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.45it/s]

eval mIoU of Airplane 0.674670

eval mIoU of Bag 0.540118

eval mIoU of Cap 0.457869

eval mIoU of Car 0.551961

eval mIoU of Chair 0.813397

eval mIoU of Earphone 0.445940

eval mIoU of Guitar 0.760753

eval mIoU of Knife 0.596833

eval mIoU of Lamp 0.673910

eval mIoU of Laptop 0.933393

eval mIoU of Motorbike 0.321940

eval mIoU of Mug 0.526614

eval mIoU of Pistol 0.571414

eval mIoU of Rocket 0.552010

eval mIoU of Skateboard 0.349291

eval mIoU of Table 0.811901

Epoch 3 test Accuracy: 0.882259 Class avg mIOU: 0.598876 Instance avg mIOU: 0.737195

epoch accuarcy: 0.8822586793950534

time consuming: 99s

mIOU: 0.7371946316918314

epoch 3 will be saved.

Saving at log/checkpoints/best\_model.pth

Saving model....

Best accuracy is: 0.88226

Best class avg mIOU is: 0.59888

Best instance avg mIOU is: 0.73719

Running Epoch: 4

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.14it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.32it/s]

eval mIoU of Airplane 0.642162

eval mIoU of Bag 0.608676

eval mIoU of Cap 0.619794

eval mIoU of Car 0.569576

eval mIoU of Chair 0.827803

eval mIoU of Earphone 0.489682

eval mIoU of Guitar 0.817244

eval mIoU of Knife 0.769288

eval mIoU of Lamp 0.685996

eval mIoU of Laptop 0.955325

eval mIoU of Motorbike 0.281137

eval mIoU of Mug 0.608227

eval mIoU of Pistol 0.595840

eval mIoU of Rocket 0.561363

eval mIoU of Skateboard 0.331414

eval mIoU of Table 0.817421

Epoch 4 test Accuracy: 0.885053 Class avg mIOU: 0.636309 Instance avg mIOU: 0.744258

epoch accuarcy: 0.8850531103776738

time consuming: 99s

mIOU: 0.7442575716329591

epoch 4 will be saved.

Saving at log/checkpoints/best\_model.pth

Saving model....

Best accuracy is: 0.88505

Best class avg mIOU is: 0.63631

Best instance avg mIOU is: 0.74426

Running Epoch: 5

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.13it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.42it/s]

eval mIoU of Airplane 0.723959

eval mIoU of Bag 0.544935

eval mIoU of Cap 0.591359

eval mIoU of Car 0.555758

eval mIoU of Chair 0.835233

eval mIoU of Earphone 0.443187

eval mIoU of Guitar 0.772601

eval mIoU of Knife 0.690723

eval mIoU of Lamp 0.709483

eval mIoU of Laptop 0.955023

eval mIoU of Motorbike 0.277348

eval mIoU of Mug 0.783501

eval mIoU of Pistol 0.574266

eval mIoU of Rocket 0.514629

eval mIoU of Skateboard 0.327922

eval mIoU of Table 0.805248

Epoch 5 test Accuracy: 0.893561 Class avg mIOU: 0.631573 Instance avg mIOU: 0.757339

epoch accuarcy: 0.8935614764371658

time consuming: 99s

mIOU: 0.7573390495556029

epoch 5 will be saved.

Saving at log/checkpoints/best\_model.pth

Saving model....

Best accuracy is: 0.89356

Best class avg mIOU is: 0.63631

Best instance avg mIOU is: 0.75734

Running Epoch: 6

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.13it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.43it/s]

eval mIoU of Airplane 0.749184

eval mIoU of Bag 0.673173

eval mIoU of Cap 0.653732

eval mIoU of Car 0.592018

eval mIoU of Chair 0.848146

eval mIoU of Earphone 0.542937

eval mIoU of Guitar 0.843543

eval mIoU of Knife 0.747675

eval mIoU of Lamp 0.714958

eval mIoU of Laptop 0.935710

eval mIoU of Motorbike 0.303788

eval mIoU of Mug 0.832678

eval mIoU of Pistol 0.640808

eval mIoU of Rocket 0.490541

eval mIoU of Skateboard 0.430600

eval mIoU of Table 0.823270

Epoch 6 test Accuracy: 0.901711 Class avg mIOU: 0.676423 Instance avg mIOU: 0.780186

epoch accuarcy: 0.9017113343917113

time consuming: 99s

mIOU: 0.7801864631760513

epoch 6 will be saved.

Saving at log/checkpoints/best\_model.pth

Saving model....

Best accuracy is: 0.90171

Best class avg mIOU is: 0.67642

Best instance avg mIOU is: 0.78019

Running Epoch: 7

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.13it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.46it/s]

eval mIoU of Airplane 0.717313

eval mIoU of Bag 0.610061

eval mIoU of Cap 0.597253

eval mIoU of Car 0.595445

eval mIoU of Chair 0.836140

eval mIoU of Earphone 0.512378

eval mIoU of Guitar 0.830890

eval mIoU of Knife 0.760373

eval mIoU of Lamp 0.705104

eval mIoU of Laptop 0.939458

eval mIoU of Motorbike 0.350112

eval mIoU of Mug 0.765094

eval mIoU of Pistol 0.655607

eval mIoU of Rocket 0.530531

eval mIoU of Skateboard 0.440620

eval mIoU of Table 0.821617

Epoch 7 test Accuracy: 0.900328 Class avg mIOU: 0.666750 Instance avg mIOU: 0.769689

epoch accuarcy: 0.9003276967747326

time consuming: 99s

mIOU: 0.7696889013309182

Best accuracy is: 0.90171

Best class avg mIOU is: 0.67642

Best instance avg mIOU is: 0.78019

Running Epoch: 8

100%|█████████████████████████████████████████| 380/380 [01:32<00:00, 4.12it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.31it/s]

eval mIoU of Airplane 0.786211

eval mIoU of Bag 0.613386

eval mIoU of Cap 0.574341

eval mIoU of Car 0.492859

eval mIoU of Chair 0.853841

eval mIoU of Earphone 0.511522

eval mIoU of Guitar 0.799137

eval mIoU of Knife 0.732726

eval mIoU of Lamp 0.693082

eval mIoU of Laptop 0.961053

eval mIoU of Motorbike 0.321290

eval mIoU of Mug 0.832489

eval mIoU of Pistol 0.653184

eval mIoU of Rocket 0.558406

eval mIoU of Skateboard 0.412427

eval mIoU of Table 0.808756

Epoch 8 test Accuracy: 0.905842 Class avg mIOU: 0.662794 Instance avg mIOU: 0.777083

epoch accuarcy: 0.9058421415441177

time consuming: 99s

mIOU: 0.7770831716575379

Best accuracy is: 0.90584

Best class avg mIOU is: 0.67642

Best instance avg mIOU is: 0.78019

Running Epoch: 9

100%|█████████████████████████████████████████| 380/380 [01:32<00:00, 4.12it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.30it/s]

eval mIoU of Airplane 0.766928

eval mIoU of Bag 0.702507

eval mIoU of Cap 0.540417

eval mIoU of Car 0.611507

eval mIoU of Chair 0.849070

eval mIoU of Earphone 0.457268

eval mIoU of Guitar 0.801273

eval mIoU of Knife 0.777321

eval mIoU of Lamp 0.719765

eval mIoU of Laptop 0.958245

eval mIoU of Motorbike 0.304807

eval mIoU of Mug 0.814468

eval mIoU of Pistol 0.667561

eval mIoU of Rocket 0.515778

eval mIoU of Skateboard 0.473035

eval mIoU of Table 0.824680

Epoch 9 test Accuracy: 0.907741 Class avg mIOU: 0.674040 Instance avg mIOU: 0.785353

epoch accuarcy: 0.9077414772727272

time consuming: 99s

mIOU: 0.7853528987613948

epoch 9 will be saved.

Saving at log/checkpoints/best\_model.pth

Saving model....

Best accuracy is: 0.90774

Best class avg mIOU is: 0.67642

Best instance avg mIOU is: 0.78535

Running Epoch: 10

100%|█████████████████████████████████████████| 380/380 [01:32<00:00, 4.13it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.30it/s]

eval mIoU of Airplane 0.755099

eval mIoU of Bag 0.658798

eval mIoU of Cap 0.593104

eval mIoU of Car 0.579025

eval mIoU of Chair 0.861913

eval mIoU of Earphone 0.506984

eval mIoU of Guitar 0.853473

eval mIoU of Knife 0.790714

eval mIoU of Lamp 0.718014

eval mIoU of Laptop 0.952871

eval mIoU of Motorbike 0.408549

eval mIoU of Mug 0.840615

eval mIoU of Pistol 0.657048

eval mIoU of Rocket 0.590542

eval mIoU of Skateboard 0.484149

eval mIoU of Table 0.827440

Epoch 10 test Accuracy: 0.910681 Class avg mIOU: 0.692396 Instance avg mIOU: 0.789248

epoch accuarcy: 0.9106808259525401

time consuming: 99s

mIOU: 0.7892475490225895

epoch 10 will be saved.

Saving at log/checkpoints/best\_model.pth

Saving model....

Best accuracy is: 0.91068

Best class avg mIOU is: 0.69240

Best instance avg mIOU is: 0.78925

Running Epoch: 11

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.13it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.37it/s]

eval mIoU of Airplane 0.796188

eval mIoU of Bag 0.627191

eval mIoU of Cap 0.541763

eval mIoU of Car 0.648244

eval mIoU of Chair 0.860286

eval mIoU of Earphone 0.457597

eval mIoU of Guitar 0.814251

eval mIoU of Knife 0.764008

eval mIoU of Lamp 0.711069

eval mIoU of Laptop 0.950039

eval mIoU of Motorbike 0.390433

eval mIoU of Mug 0.841934

eval mIoU of Pistol 0.717390

eval mIoU of Rocket 0.541175

eval mIoU of Skateboard 0.524200

eval mIoU of Table 0.810432

Epoch 11 test Accuracy: 0.913171 Class avg mIOU: 0.687263 Instance avg mIOU: 0.792818

epoch accuarcy: 0.9131705381016043

time consuming: 99s

mIOU: 0.7928178668945197

epoch 11 will be saved.

Saving at log/checkpoints/best\_model.pth

Saving model....

Best accuracy is: 0.91317

Best class avg mIOU is: 0.69240

Best instance avg mIOU is: 0.79282

Running Epoch: 12

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.14it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.41it/s]

eval mIoU of Airplane 0.782911

eval mIoU of Bag 0.705825

eval mIoU of Cap 0.552291

eval mIoU of Car 0.616342

eval mIoU of Chair 0.859190

eval mIoU of Earphone 0.526562

eval mIoU of Guitar 0.825699

eval mIoU of Knife 0.717207

eval mIoU of Lamp 0.713163

eval mIoU of Laptop 0.951064

eval mIoU of Motorbike 0.369684

eval mIoU of Mug 0.794862

eval mIoU of Pistol 0.640785

eval mIoU of Rocket 0.558362

eval mIoU of Skateboard 0.452444

eval mIoU of Table 0.814396

Epoch 12 test Accuracy: 0.910599 Class avg mIOU: 0.680049 Instance avg mIOU: 0.787623

epoch accuarcy: 0.9105985753676471

time consuming: 99s

mIOU: 0.7876233337110493

Best accuracy is: 0.91317

Best class avg mIOU is: 0.69240

Best instance avg mIOU is: 0.79282

Running Epoch: 13

100%|█████████████████████████████████████████| 380/380 [01:32<00:00, 4.12it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.42it/s]

eval mIoU of Airplane 0.750685

eval mIoU of Bag 0.667257

eval mIoU of Cap 0.374884

eval mIoU of Car 0.611773

eval mIoU of Chair 0.805631

eval mIoU of Earphone 0.464981

eval mIoU of Guitar 0.785704

eval mIoU of Knife 0.773951

eval mIoU of Lamp 0.689497

eval mIoU of Laptop 0.954850

eval mIoU of Motorbike 0.353770

eval mIoU of Mug 0.759173

eval mIoU of Pistol 0.635403

eval mIoU of Rocket 0.518333

eval mIoU of Skateboard 0.507518

eval mIoU of Table 0.786057

Epoch 13 test Accuracy: 0.895244 Class avg mIOU: 0.652467 Instance avg mIOU: 0.756928

epoch accuarcy: 0.8952443495153743

time consuming: 99s

mIOU: 0.7569284154942957

Best accuracy is: 0.91317

Best class avg mIOU is: 0.69240

Best instance avg mIOU is: 0.79282

Running Epoch: 14

100%|█████████████████████████████████████████| 380/380 [01:32<00:00, 4.13it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.41it/s]

eval mIoU of Airplane 0.804376

eval mIoU of Bag 0.704700

eval mIoU of Cap 0.651017

eval mIoU of Car 0.598099

eval mIoU of Chair 0.870566

eval mIoU of Earphone 0.470380

eval mIoU of Guitar 0.841676

eval mIoU of Knife 0.784958

eval mIoU of Lamp 0.729936

eval mIoU of Laptop 0.961764

eval mIoU of Motorbike 0.302283

eval mIoU of Mug 0.833687

eval mIoU of Pistol 0.664564

eval mIoU of Rocket 0.492700

eval mIoU of Skateboard 0.614840

eval mIoU of Table 0.833673

Epoch 14 test Accuracy: 0.918820 Class avg mIOU: 0.697451 Instance avg mIOU: 0.804138

epoch accuarcy: 0.9188199782754011

time consuming: 99s

mIOU: 0.8041381037236902

epoch 14 will be saved.

Saving at log/checkpoints/best\_model.pth

Saving model....

Best accuracy is: 0.91882

Best class avg mIOU is: 0.69745

Best instance avg mIOU is: 0.80414

Running Epoch: 15

100%|█████████████████████████████████████████| 380/380 [01:32<00:00, 4.13it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.43it/s]

eval mIoU of Airplane 0.796726

eval mIoU of Bag 0.754012

eval mIoU of Cap 0.679173

eval mIoU of Car 0.626125

eval mIoU of Chair 0.873128

eval mIoU of Earphone 0.443907

eval mIoU of Guitar 0.861781

eval mIoU of Knife 0.798567

eval mIoU of Lamp 0.733981

eval mIoU of Laptop 0.958792

eval mIoU of Motorbike 0.324129

eval mIoU of Mug 0.862390

eval mIoU of Pistol 0.699872

eval mIoU of Rocket 0.386643

eval mIoU of Skateboard 0.479436

eval mIoU of Table 0.837858

Epoch 15 test Accuracy: 0.920895 Class avg mIOU: 0.694782 Instance avg mIOU: 0.806721

epoch accuarcy: 0.9208945208054813

time consuming: 99s

mIOU: 0.8067206666728284

epoch 15 will be saved.

Saving at log/checkpoints/best\_model.pth

Saving model....

Best accuracy is: 0.92089

Best class avg mIOU is: 0.69745

Best instance avg mIOU is: 0.80672

Running Epoch: 16

100%|█████████████████████████████████████████| 380/380 [01:32<00:00, 4.13it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.44it/s]

eval mIoU of Airplane 0.815871

eval mIoU of Bag 0.699030

eval mIoU of Cap 0.615530

eval mIoU of Car 0.691142

eval mIoU of Chair 0.872209

eval mIoU of Earphone 0.552028

eval mIoU of Guitar 0.863067

eval mIoU of Knife 0.788983

eval mIoU of Lamp 0.743068

eval mIoU of Laptop 0.949304

eval mIoU of Motorbike 0.380176

eval mIoU of Mug 0.875257

eval mIoU of Pistol 0.732999

eval mIoU of Rocket 0.480604

eval mIoU of Skateboard 0.660079

eval mIoU of Table 0.827815

Epoch 16 test Accuracy: 0.925297 Class avg mIOU: 0.721698 Instance avg mIOU: 0.813747

epoch accuarcy: 0.9252966243315508

time consuming: 99s

mIOU: 0.8137466574079247

epoch 16 will be saved.

Saving at log/checkpoints/best\_model.pth

Saving model....

Best accuracy is: 0.92530

Best class avg mIOU is: 0.72170

Best instance avg mIOU is: 0.81375

Running Epoch: 17

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.13it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.43it/s]

eval mIoU of Airplane 0.792489

eval mIoU of Bag 0.645929

eval mIoU of Cap 0.585641

eval mIoU of Car 0.627680

eval mIoU of Chair 0.878300

eval mIoU of Earphone 0.469787

eval mIoU of Guitar 0.859379

eval mIoU of Knife 0.791095

eval mIoU of Lamp 0.739007

eval mIoU of Laptop 0.916255

eval mIoU of Motorbike 0.346617

eval mIoU of Mug 0.739750

eval mIoU of Pistol 0.675518

eval mIoU of Rocket 0.556909

eval mIoU of Skateboard 0.651386

eval mIoU of Table 0.830965

Epoch 17 test Accuracy: 0.918173 Class avg mIOU: 0.694169 Instance avg mIOU: 0.804324

epoch accuarcy: 0.9181726792279412

time consuming: 99s

mIOU: 0.8043244230914052

Best accuracy is: 0.92530

Best class avg mIOU is: 0.72170

Best instance avg mIOU is: 0.81375

Running Epoch: 18

100%|█████████████████████████████████████████| 380/380 [01:32<00:00, 4.12it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.45it/s]

eval mIoU of Airplane 0.820995

eval mIoU of Bag 0.766341

eval mIoU of Cap 0.643174

eval mIoU of Car 0.664159

eval mIoU of Chair 0.873529

eval mIoU of Earphone 0.480776

eval mIoU of Guitar 0.829789

eval mIoU of Knife 0.750139

eval mIoU of Lamp 0.743597

eval mIoU of Laptop 0.963160

eval mIoU of Motorbike 0.463498

eval mIoU of Mug 0.876483

eval mIoU of Pistol 0.728578

eval mIoU of Rocket 0.472110

eval mIoU of Skateboard 0.649510

eval mIoU of Table 0.823372

Epoch 18 test Accuracy: 0.921619 Class avg mIOU: 0.721826 Instance avg mIOU: 0.811894

epoch accuarcy: 0.9216193704044118

time consuming: 99s

mIOU: 0.8118935097469789

Best accuracy is: 0.92530

Best class avg mIOU is: 0.72183

Best instance avg mIOU is: 0.81375

Running Epoch: 19

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.14it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.48it/s]

eval mIoU of Airplane 0.777562

eval mIoU of Bag 0.744122

eval mIoU of Cap 0.608017

eval mIoU of Car 0.596897

eval mIoU of Chair 0.878970

eval mIoU of Earphone 0.489556

eval mIoU of Guitar 0.863816

eval mIoU of Knife 0.805531

eval mIoU of Lamp 0.744693

eval mIoU of Laptop 0.953567

eval mIoU of Motorbike 0.407603

eval mIoU of Mug 0.883530

eval mIoU of Pistol 0.772744

eval mIoU of Rocket 0.462367

eval mIoU of Skateboard 0.542206

eval mIoU of Table 0.834351

Epoch 19 test Accuracy: 0.920828 Class avg mIOU: 0.710346 Instance avg mIOU: 0.805745

epoch accuarcy: 0.920828198111631

time consuming: 99s

mIOU: 0.8057452290296062

Best accuracy is: 0.92530

Best class avg mIOU is: 0.72183

Best instance avg mIOU is: 0.81375

Running Epoch: 20

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.14it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.48it/s]

eval mIoU of Airplane 0.800795

eval mIoU of Bag 0.668014

eval mIoU of Cap 0.611973

eval mIoU of Car 0.639237

eval mIoU of Chair 0.876201

eval mIoU of Earphone 0.516356

eval mIoU of Guitar 0.831171

eval mIoU of Knife 0.815229

eval mIoU of Lamp 0.730374

eval mIoU of Laptop 0.962565

eval mIoU of Motorbike 0.404119

eval mIoU of Mug 0.865858

eval mIoU of Pistol 0.765126

eval mIoU of Rocket 0.463514

eval mIoU of Skateboard 0.688856

eval mIoU of Table 0.838380

Epoch 20 test Accuracy: 0.924376 Class avg mIOU: 0.717360 Instance avg mIOU: 0.811685

epoch accuarcy: 0.9243759400066844

time consuming: 99s

mIOU: 0.8116847719832199

Best accuracy is: 0.92530

Best class avg mIOU is: 0.72183

Best instance avg mIOU is: 0.81375

Running Epoch: 21

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.14it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.47it/s]

eval mIoU of Airplane 0.789753

eval mIoU of Bag 0.668275

eval mIoU of Cap 0.699143

eval mIoU of Car 0.655917

eval mIoU of Chair 0.873636

eval mIoU of Earphone 0.511578

eval mIoU of Guitar 0.863244

eval mIoU of Knife 0.798139

eval mIoU of Lamp 0.733808

eval mIoU of Laptop 0.957677

eval mIoU of Motorbike 0.358880

eval mIoU of Mug 0.858601

eval mIoU of Pistol 0.782362

eval mIoU of Rocket 0.417176

eval mIoU of Skateboard 0.606989

eval mIoU of Table 0.840480

Epoch 21 test Accuracy: 0.922168 Class avg mIOU: 0.713479 Instance avg mIOU: 0.810331

epoch accuarcy: 0.9221682298629679

time consuming: 99s

mIOU: 0.8103306750108809

Best accuracy is: 0.92530

Best class avg mIOU is: 0.72183

Best instance avg mIOU is: 0.81375

Running Epoch: 22

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.14it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.45it/s]

eval mIoU of Airplane 0.796383

eval mIoU of Bag 0.735165

eval mIoU of Cap 0.594490

eval mIoU of Car 0.647971

eval mIoU of Chair 0.865242

eval mIoU of Earphone 0.514088

eval mIoU of Guitar 0.862222

eval mIoU of Knife 0.785540

eval mIoU of Lamp 0.739142

eval mIoU of Laptop 0.959007

eval mIoU of Motorbike 0.451792

eval mIoU of Mug 0.896680

eval mIoU of Pistol 0.759887

eval mIoU of Rocket 0.511112

eval mIoU of Skateboard 0.610677

eval mIoU of Table 0.831735

Epoch 22 test Accuracy: 0.919432 Class avg mIOU: 0.722571 Instance avg mIOU: 0.808709

epoch accuarcy: 0.9194320270721925

time consuming: 99s

mIOU: 0.8087089560157746

Best accuracy is: 0.92530

Best class avg mIOU is: 0.72257

Best instance avg mIOU is: 0.81375

Running Epoch: 23

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.14it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.43it/s]

eval mIoU of Airplane 0.805878

eval mIoU of Bag 0.691920

eval mIoU of Cap 0.630066

eval mIoU of Car 0.663695

eval mIoU of Chair 0.867527

eval mIoU of Earphone 0.578121

eval mIoU of Guitar 0.859053

eval mIoU of Knife 0.821411

eval mIoU of Lamp 0.740428

eval mIoU of Laptop 0.937015

eval mIoU of Motorbike 0.423740

eval mIoU of Mug 0.898434

eval mIoU of Pistol 0.768899

eval mIoU of Rocket 0.505060

eval mIoU of Skateboard 0.632394

eval mIoU of Table 0.839255

Epoch 23 test Accuracy: 0.923588 Class avg mIOU: 0.728931 Instance avg mIOU: 0.814377

epoch accuarcy: 0.9235881621824866

time consuming: 99s

mIOU: 0.8143774799998695

epoch 23 will be saved.

Saving at log/checkpoints/best\_model.pth

Saving model....

Best accuracy is: 0.92530

Best class avg mIOU is: 0.72893

Best instance avg mIOU is: 0.81438

Running Epoch: 24

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.14it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.46it/s]

eval mIoU of Airplane 0.820707

eval mIoU of Bag 0.660023

eval mIoU of Cap 0.710955

eval mIoU of Car 0.598000

eval mIoU of Chair 0.881047

eval mIoU of Earphone 0.487460

eval mIoU of Guitar 0.871170

eval mIoU of Knife 0.806213

eval mIoU of Lamp 0.725467

eval mIoU of Laptop 0.960703

eval mIoU of Motorbike 0.408960

eval mIoU of Mug 0.794953

eval mIoU of Pistol 0.780787

eval mIoU of Rocket 0.468629

eval mIoU of Skateboard 0.676633

eval mIoU of Table 0.842560

Epoch 24 test Accuracy: 0.924446 Class avg mIOU: 0.718392 Instance avg mIOU: 0.817257

epoch accuarcy: 0.9244456571691176

time consuming: 99s

mIOU: 0.8172565431142104

epoch 24 will be saved.

Saving at log/checkpoints/best\_model.pth

Saving model....

Best accuracy is: 0.92530

Best class avg mIOU is: 0.72893

Best instance avg mIOU is: 0.81726

Running Epoch: 25

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.14it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.48it/s]

eval mIoU of Airplane 0.829562

eval mIoU of Bag 0.712933

eval mIoU of Cap 0.692327

eval mIoU of Car 0.693620

eval mIoU of Chair 0.885864

eval mIoU of Earphone 0.525642

eval mIoU of Guitar 0.850891

eval mIoU of Knife 0.806002

eval mIoU of Lamp 0.732229

eval mIoU of Laptop 0.955910

eval mIoU of Motorbike 0.391312

eval mIoU of Mug 0.899593

eval mIoU of Pistol 0.733614

eval mIoU of Rocket 0.510980

eval mIoU of Skateboard 0.712405

eval mIoU of Table 0.832954

Epoch 25 test Accuracy: 0.928060 Class avg mIOU: 0.735365 Instance avg mIOU: 0.821464

epoch accuarcy: 0.9280597217580214

time consuming: 99s

mIOU: 0.8214641403152029

epoch 25 will be saved.

Saving at log/checkpoints/best\_model.pth

Saving model....

Best accuracy is: 0.92806

Best class avg mIOU is: 0.73536

Best instance avg mIOU is: 0.82146

Running Epoch: 26

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.14it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.48it/s]

eval mIoU of Airplane 0.828371

eval mIoU of Bag 0.684606

eval mIoU of Cap 0.697757

eval mIoU of Car 0.671558

eval mIoU of Chair 0.872909

eval mIoU of Earphone 0.439300

eval mIoU of Guitar 0.869890

eval mIoU of Knife 0.819675

eval mIoU of Lamp 0.751065

eval mIoU of Laptop 0.959208

eval mIoU of Motorbike 0.447114

eval mIoU of Mug 0.859601

eval mIoU of Pistol 0.793047

eval mIoU of Rocket 0.435190

eval mIoU of Skateboard 0.721514

eval mIoU of Table 0.841222

Epoch 26 test Accuracy: 0.927309 Class avg mIOU: 0.730752 Instance avg mIOU: 0.823435

epoch accuarcy: 0.9273090219752674

time consuming: 99s

mIOU: 0.8234348974867343

epoch 26 will be saved.

Saving at log/checkpoints/best\_model.pth

Saving model....

Best accuracy is: 0.92806

Best class avg mIOU is: 0.73536

Best instance avg mIOU is: 0.82343

Running Epoch: 27

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.15it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.46it/s]

eval mIoU of Airplane 0.827784

eval mIoU of Bag 0.671037

eval mIoU of Cap 0.649360

eval mIoU of Car 0.658450

eval mIoU of Chair 0.872160

eval mIoU of Earphone 0.260455

eval mIoU of Guitar 0.851292

eval mIoU of Knife 0.814289

eval mIoU of Lamp 0.731389

eval mIoU of Laptop 0.957109

eval mIoU of Motorbike 0.483440

eval mIoU of Mug 0.807050

eval mIoU of Pistol 0.790069

eval mIoU of Rocket 0.515316

eval mIoU of Skateboard 0.612373

eval mIoU of Table 0.833988

Epoch 27 test Accuracy: 0.926199 Class avg mIOU: 0.708473 Instance avg mIOU: 0.816594

epoch accuarcy: 0.9261985085227272

time consuming: 99s

mIOU: 0.8165942020949503

Best accuracy is: 0.92806

Best class avg mIOU is: 0.73536

Best instance avg mIOU is: 0.82343

Running Epoch: 28

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.15it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.46it/s]

eval mIoU of Airplane 0.791825

eval mIoU of Bag 0.617492

eval mIoU of Cap 0.719349

eval mIoU of Car 0.672807

eval mIoU of Chair 0.881413

eval mIoU of Earphone 0.453235

eval mIoU of Guitar 0.841454

eval mIoU of Knife 0.803226

eval mIoU of Lamp 0.745828

eval mIoU of Laptop 0.959595

eval mIoU of Motorbike 0.425162

eval mIoU of Mug 0.842184

eval mIoU of Pistol 0.791276

eval mIoU of Rocket 0.448874

eval mIoU of Skateboard 0.650853

eval mIoU of Table 0.842215

Epoch 28 test Accuracy: 0.925427 Class avg mIOU: 0.717924 Instance avg mIOU: 0.814900

epoch accuarcy: 0.9254266585895722

time consuming: 99s

mIOU: 0.8148996103536638

Best accuracy is: 0.92806

Best class avg mIOU is: 0.73536

Best instance avg mIOU is: 0.82343

Running Epoch: 29

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.15it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.49it/s]

eval mIoU of Airplane 0.831684

eval mIoU of Bag 0.668212

eval mIoU of Cap 0.621442

eval mIoU of Car 0.700113

eval mIoU of Chair 0.889019

eval mIoU of Earphone 0.484318

eval mIoU of Guitar 0.881482

eval mIoU of Knife 0.682615

eval mIoU of Lamp 0.752097

eval mIoU of Laptop 0.944673

eval mIoU of Motorbike 0.451422

eval mIoU of Mug 0.903134

eval mIoU of Pistol 0.752924

eval mIoU of Rocket 0.512475

eval mIoU of Skateboard 0.676591

eval mIoU of Table 0.829435

Epoch 29 test Accuracy: 0.927764 Class avg mIOU: 0.723852 Instance avg mIOU: 0.822354

epoch accuarcy: 0.9277641418783422

time consuming: 99s

mIOU: 0.8223540925411237

Best accuracy is: 0.92806

Best class avg mIOU is: 0.73536

Best instance avg mIOU is: 0.82343

Running Epoch: 30

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.15it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.43it/s]

eval mIoU of Airplane 0.836186

eval mIoU of Bag 0.669317

eval mIoU of Cap 0.600188

eval mIoU of Car 0.642306

eval mIoU of Chair 0.882880

eval mIoU of Earphone 0.538779

eval mIoU of Guitar 0.872522

eval mIoU of Knife 0.793600

eval mIoU of Lamp 0.754862

eval mIoU of Laptop 0.955299

eval mIoU of Motorbike 0.429482

eval mIoU of Mug 0.880707

eval mIoU of Pistol 0.768346

eval mIoU of Rocket 0.491275

eval mIoU of Skateboard 0.609194

eval mIoU of Table 0.839471

Epoch 30 test Accuracy: 0.928874 Class avg mIOU: 0.722776 Instance avg mIOU: 0.824054

epoch accuarcy: 0.9288738719919786

time consuming: 99s

mIOU: 0.8240538810558655

epoch 30 will be saved.

Saving at log/checkpoints/best\_model.pth

Saving model....

Best accuracy is: 0.92887

Best class avg mIOU is: 0.73536

Best instance avg mIOU is: 0.82405

Running Epoch: 31

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.15it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.45it/s]

eval mIoU of Airplane 0.811934

eval mIoU of Bag 0.614226

eval mIoU of Cap 0.682439

eval mIoU of Car 0.635007

eval mIoU of Chair 0.884238

eval mIoU of Earphone 0.512120

eval mIoU of Guitar 0.877153

eval mIoU of Knife 0.813933

eval mIoU of Lamp 0.760052

eval mIoU of Laptop 0.959032

eval mIoU of Motorbike 0.394007

eval mIoU of Mug 0.885161

eval mIoU of Pistol 0.801374

eval mIoU of Rocket 0.510310

eval mIoU of Skateboard 0.625063

eval mIoU of Table 0.834728

Epoch 31 test Accuracy: 0.925197 Class avg mIOU: 0.725049 Instance avg mIOU: 0.818704

epoch accuarcy: 0.9251968791778075

time consuming: 99s

mIOU: 0.8187035188417241

Best accuracy is: 0.92887

Best class avg mIOU is: 0.73536

Best instance avg mIOU is: 0.82405

Running Epoch: 32

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.15it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.42it/s]

eval mIoU of Airplane 0.830748

eval mIoU of Bag 0.692336

eval mIoU of Cap 0.694801

eval mIoU of Car 0.692296

eval mIoU of Chair 0.887096

eval mIoU of Earphone 0.437702

eval mIoU of Guitar 0.873663

eval mIoU of Knife 0.827929

eval mIoU of Lamp 0.765017

eval mIoU of Laptop 0.961830

eval mIoU of Motorbike 0.428237

eval mIoU of Mug 0.884889

eval mIoU of Pistol 0.827776

eval mIoU of Rocket 0.432555

eval mIoU of Skateboard 0.678992

eval mIoU of Table 0.840268

Epoch 32 test Accuracy: 0.931704 Class avg mIOU: 0.734758 Instance avg mIOU: 0.829154

epoch accuarcy: 0.9317043365641712

time consuming: 99s

mIOU: 0.829153508189155

epoch 32 will be saved.

Saving at log/checkpoints/best\_model.pth

Saving model....

Best accuracy is: 0.93170

Best class avg mIOU is: 0.73536

Best instance avg mIOU is: 0.82915

Running Epoch: 33

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.15it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.45it/s]

eval mIoU of Airplane 0.824608

eval mIoU of Bag 0.615100

eval mIoU of Cap 0.712703

eval mIoU of Car 0.671465

eval mIoU of Chair 0.876469

eval mIoU of Earphone 0.443178

eval mIoU of Guitar 0.821477

eval mIoU of Knife 0.810792

eval mIoU of Lamp 0.715467

eval mIoU of Laptop 0.953863

eval mIoU of Motorbike 0.335845

eval mIoU of Mug 0.862267

eval mIoU of Pistol 0.800772

eval mIoU of Rocket 0.451861

eval mIoU of Skateboard 0.663149

eval mIoU of Table 0.842380

Epoch 33 test Accuracy: 0.926044 Class avg mIOU: 0.712587 Instance avg mIOU: 0.816686

epoch accuarcy: 0.9260439296457219

time consuming: 99s

mIOU: 0.8166862460952373

Best accuracy is: 0.93170

Best class avg mIOU is: 0.73536

Best instance avg mIOU is: 0.82915

Running Epoch: 34

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.15it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.46it/s]

eval mIoU of Airplane 0.817360

eval mIoU of Bag 0.703173

eval mIoU of Cap 0.674276

eval mIoU of Car 0.667688

eval mIoU of Chair 0.884636

eval mIoU of Earphone 0.492991

eval mIoU of Guitar 0.879323

eval mIoU of Knife 0.764924

eval mIoU of Lamp 0.729256

eval mIoU of Laptop 0.959417

eval mIoU of Motorbike 0.353633

eval mIoU of Mug 0.833814

eval mIoU of Pistol 0.791970

eval mIoU of Rocket 0.476260

eval mIoU of Skateboard 0.703361

eval mIoU of Table 0.843441

Epoch 34 test Accuracy: 0.927605 Class avg mIOU: 0.723470 Instance avg mIOU: 0.820533

epoch accuarcy: 0.9276048629679144

time consuming: 99s

mIOU: 0.8205330792273423

Best accuracy is: 0.93170

Best class avg mIOU is: 0.73536

Best instance avg mIOU is: 0.82915

Running Epoch: 35

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.15it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.46it/s]

eval mIoU of Airplane 0.837473

eval mIoU of Bag 0.723475

eval mIoU of Cap 0.672978

eval mIoU of Car 0.690850

eval mIoU of Chair 0.884624

eval mIoU of Earphone 0.527476

eval mIoU of Guitar 0.891550

eval mIoU of Knife 0.821620

eval mIoU of Lamp 0.767808

eval mIoU of Laptop 0.962974

eval mIoU of Motorbike 0.358414

eval mIoU of Mug 0.856274

eval mIoU of Pistol 0.825506

eval mIoU of Rocket 0.448135

eval mIoU of Skateboard 0.671960

eval mIoU of Table 0.844680

Epoch 35 test Accuracy: 0.932894 Class avg mIOU: 0.736612 Instance avg mIOU: 0.831350

epoch accuarcy: 0.9328942283589572

time consuming: 99s

mIOU: 0.8313502290139158

epoch 35 will be saved.

Saving at log/checkpoints/best\_model.pth

Saving model....

Best accuracy is: 0.93289

Best class avg mIOU is: 0.73661

Best instance avg mIOU is: 0.83135

Running Epoch: 36

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.15it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.47it/s]

eval mIoU of Airplane 0.839506

eval mIoU of Bag 0.753629

eval mIoU of Cap 0.703704

eval mIoU of Car 0.666436

eval mIoU of Chair 0.847606

eval mIoU of Earphone 0.608014

eval mIoU of Guitar 0.883707

eval mIoU of Knife 0.801557

eval mIoU of Lamp 0.776703

eval mIoU of Laptop 0.942136

eval mIoU of Motorbike 0.487122

eval mIoU of Mug 0.886709

eval mIoU of Pistol 0.755268

eval mIoU of Rocket 0.500373

eval mIoU of Skateboard 0.590950

eval mIoU of Table 0.843875

Epoch 36 test Accuracy: 0.929868 Class avg mIOU: 0.742956 Instance avg mIOU: 0.823079

epoch accuarcy: 0.9298676679478609

time consuming: 99s

mIOU: 0.8230792269387014

Best accuracy is: 0.93289

Best class avg mIOU is: 0.74296

Best instance avg mIOU is: 0.83135

Running Epoch: 37

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.15it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.46it/s]

eval mIoU of Airplane 0.829765

eval mIoU of Bag 0.709187

eval mIoU of Cap 0.670189

eval mIoU of Car 0.697497

eval mIoU of Chair 0.890747

eval mIoU of Earphone 0.481531

eval mIoU of Guitar 0.886587

eval mIoU of Knife 0.804212

eval mIoU of Lamp 0.766984

eval mIoU of Laptop 0.948126

eval mIoU of Motorbike 0.532360

eval mIoU of Mug 0.874157

eval mIoU of Pistol 0.738917

eval mIoU of Rocket 0.448874

eval mIoU of Skateboard 0.722140

eval mIoU of Table 0.846157

Epoch 37 test Accuracy: 0.931305 Class avg mIOU: 0.740464 Instance avg mIOU: 0.832214

epoch accuarcy: 0.9313050948362299

time consuming: 99s

mIOU: 0.8322143555430113

epoch 37 will be saved.

Saving at log/checkpoints/best\_model.pth

Saving model....

Best accuracy is: 0.93289

Best class avg mIOU is: 0.74296

Best instance avg mIOU is: 0.83221

Running Epoch: 38

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.15it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.42it/s]

eval mIoU of Airplane 0.838611

eval mIoU of Bag 0.618603

eval mIoU of Cap 0.697660

eval mIoU of Car 0.711145

eval mIoU of Chair 0.888076

eval mIoU of Earphone 0.585298

eval mIoU of Guitar 0.885133

eval mIoU of Knife 0.805258

eval mIoU of Lamp 0.756607

eval mIoU of Laptop 0.958399

eval mIoU of Motorbike 0.420740

eval mIoU of Mug 0.865878

eval mIoU of Pistol 0.757434

eval mIoU of Rocket 0.503212

eval mIoU of Skateboard 0.706944

eval mIoU of Table 0.839035

Epoch 38 test Accuracy: 0.932328 Class avg mIOU: 0.739877 Instance avg mIOU: 0.830061

epoch accuarcy: 0.9323281354445188

time consuming: 99s

mIOU: 0.8300611869916786

Best accuracy is: 0.93289

Best class avg mIOU is: 0.74296

Best instance avg mIOU is: 0.83221

Running Epoch: 39

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.15it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.44it/s]

eval mIoU of Airplane 0.839237

eval mIoU of Bag 0.678485

eval mIoU of Cap 0.533165

eval mIoU of Car 0.659215

eval mIoU of Chair 0.885489

eval mIoU of Earphone 0.378211

eval mIoU of Guitar 0.887476

eval mIoU of Knife 0.809867

eval mIoU of Lamp 0.765275

eval mIoU of Laptop 0.963314

eval mIoU of Motorbike 0.440720

eval mIoU of Mug 0.877591

eval mIoU of Pistol 0.760047

eval mIoU of Rocket 0.479528

eval mIoU of Skateboard 0.693151

eval mIoU of Table 0.840287

Epoch 39 test Accuracy: 0.931521 Class avg mIOU: 0.718191 Instance avg mIOU: 0.828111

epoch accuarcy: 0.9315212963736631

time consuming: 99s

mIOU: 0.8281105349451041

Best accuracy is: 0.93289

Best class avg mIOU is: 0.74296

Best instance avg mIOU is: 0.83221

Running Epoch: 40

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.15it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.45it/s]

eval mIoU of Airplane 0.843690

eval mIoU of Bag 0.690104

eval mIoU of Cap 0.710419

eval mIoU of Car 0.709281

eval mIoU of Chair 0.876301

eval mIoU of Earphone 0.498923

eval mIoU of Guitar 0.880246

eval mIoU of Knife 0.824059

eval mIoU of Lamp 0.742392

eval mIoU of Laptop 0.948323

eval mIoU of Motorbike 0.507916

eval mIoU of Mug 0.896141

eval mIoU of Pistol 0.766534

eval mIoU of Rocket 0.488580

eval mIoU of Skateboard 0.705799

eval mIoU of Table 0.843614

Epoch 40 test Accuracy: 0.932375 Class avg mIOU: 0.745770 Instance avg mIOU: 0.830420

epoch accuarcy: 0.9323746135528075

time consuming: 99s

mIOU: 0.8304203457781185

Best accuracy is: 0.93289

Best class avg mIOU is: 0.74577

Best instance avg mIOU is: 0.83221

Running Epoch: 41

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.15it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.43it/s]

eval mIoU of Airplane 0.826208

eval mIoU of Bag 0.697293

eval mIoU of Cap 0.672631

eval mIoU of Car 0.681702

eval mIoU of Chair 0.885466

eval mIoU of Earphone 0.467089

eval mIoU of Guitar 0.889117

eval mIoU of Knife 0.805801

eval mIoU of Lamp 0.756054

eval mIoU of Laptop 0.950256

eval mIoU of Motorbike 0.403246

eval mIoU of Mug 0.884908

eval mIoU of Pistol 0.779375

eval mIoU of Rocket 0.499220

eval mIoU of Skateboard 0.741757

eval mIoU of Table 0.834877

Epoch 41 test Accuracy: 0.929287 Class avg mIOU: 0.735937 Instance avg mIOU: 0.824699

epoch accuarcy: 0.9292872138201872

time consuming: 99s

mIOU: 0.8246988069982417

Best accuracy is: 0.93289

Best class avg mIOU is: 0.74577

Best instance avg mIOU is: 0.83221

Running Epoch: 42

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.15it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.43it/s]

eval mIoU of Airplane 0.839489

eval mIoU of Bag 0.686758

eval mIoU of Cap 0.699528

eval mIoU of Car 0.705655

eval mIoU of Chair 0.891267

eval mIoU of Earphone 0.497611

eval mIoU of Guitar 0.879619

eval mIoU of Knife 0.724714

eval mIoU of Lamp 0.778156

eval mIoU of Laptop 0.959195

eval mIoU of Motorbike 0.465730

eval mIoU of Mug 0.886359

eval mIoU of Pistol 0.823001

eval mIoU of Rocket 0.553874

eval mIoU of Skateboard 0.741096

eval mIoU of Table 0.838427

Epoch 42 test Accuracy: 0.931583 Class avg mIOU: 0.748155 Instance avg mIOU: 0.832779

epoch accuarcy: 0.9315834412600268

time consuming: 99s

mIOU: 0.8327791384285995

epoch 42 will be saved.

Saving at log/checkpoints/best\_model.pth

Saving model....

/home/wql/PycharmProjects/xukai/RepeatPointNet/data\_visualization.py:41: RuntimeWarning: More than 20 figures have been opened. Figures created through the pyplot interface (`matplotlib.pyplot.figure`) are retained until explicitly closed and may consume too much memory. (To control this warning, see the rcParam `figure.max\_open\_warning`).

fig = plt.figure(figsize=(1\*seg\_num, 1\*seg\_num))

Best accuracy is: 0.93289

Best class avg mIOU is: 0.74815

Best instance avg mIOU is: 0.83278

Running Epoch: 43

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.45it/s]

eval mIoU of Airplane 0.837953

eval mIoU of Bag 0.619863

eval mIoU of Cap 0.596044

eval mIoU of Car 0.705987

eval mIoU of Chair 0.892226

eval mIoU of Earphone 0.532742

eval mIoU of Guitar 0.870565

eval mIoU of Knife 0.815468

eval mIoU of Lamp 0.771977

eval mIoU of Laptop 0.966150

eval mIoU of Motorbike 0.450119

eval mIoU of Mug 0.906646

eval mIoU of Pistol 0.783028

eval mIoU of Rocket 0.499728

eval mIoU of Skateboard 0.726101

eval mIoU of Table 0.838067

Epoch 43 test Accuracy: 0.932283 Class avg mIOU: 0.738292 Instance avg mIOU: 0.832087

epoch accuarcy: 0.9322832240140374

time consuming: 98s

mIOU: 0.8320873366822997

Best accuracy is: 0.93289

Best class avg mIOU is: 0.74815

Best instance avg mIOU is: 0.83278

Running Epoch: 44

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.15it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.42it/s]

eval mIoU of Airplane 0.828089

eval mIoU of Bag 0.662472

eval mIoU of Cap 0.628189

eval mIoU of Car 0.680546

eval mIoU of Chair 0.885414

eval mIoU of Earphone 0.487780

eval mIoU of Guitar 0.840116

eval mIoU of Knife 0.835964

eval mIoU of Lamp 0.763041

eval mIoU of Laptop 0.957074

eval mIoU of Motorbike 0.442203

eval mIoU of Mug 0.889062

eval mIoU of Pistol 0.822169

eval mIoU of Rocket 0.528732

eval mIoU of Skateboard 0.673634

eval mIoU of Table 0.840697

Epoch 44 test Accuracy: 0.929169 Class avg mIOU: 0.735324 Instance avg mIOU: 0.826719

epoch accuarcy: 0.929168929645722

time consuming: 99s

mIOU: 0.8267186044261147

Best accuracy is: 0.93289

Best class avg mIOU is: 0.74815

Best instance avg mIOU is: 0.83278

Running Epoch: 45

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.15it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.47it/s]

eval mIoU of Airplane 0.844802

eval mIoU of Bag 0.698090

eval mIoU of Cap 0.665690

eval mIoU of Car 0.710623

eval mIoU of Chair 0.877848

eval mIoU of Earphone 0.504340

eval mIoU of Guitar 0.891734

eval mIoU of Knife 0.811544

eval mIoU of Lamp 0.774206

eval mIoU of Laptop 0.955949

eval mIoU of Motorbike 0.486336

eval mIoU of Mug 0.871786

eval mIoU of Pistol 0.833435

eval mIoU of Rocket 0.472786

eval mIoU of Skateboard 0.698932

eval mIoU of Table 0.844572

Epoch 45 test Accuracy: 0.932310 Class avg mIOU: 0.746417 Instance avg mIOU: 0.834571

epoch accuarcy: 0.9323098575367647

time consuming: 98s

mIOU: 0.834571282540012

epoch 45 will be saved.

Saving at log/checkpoints/best\_model.pth

Saving model....

Best accuracy is: 0.93289

Best class avg mIOU is: 0.74815

Best instance avg mIOU is: 0.83457

Running Epoch: 46

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.37it/s]

eval mIoU of Airplane 0.842915

eval mIoU of Bag 0.709747

eval mIoU of Cap 0.587653

eval mIoU of Car 0.651483

eval mIoU of Chair 0.893018

eval mIoU of Earphone 0.413246

eval mIoU of Guitar 0.894986

eval mIoU of Knife 0.837351

eval mIoU of Lamp 0.745740

eval mIoU of Laptop 0.961319

eval mIoU of Motorbike 0.470473

eval mIoU of Mug 0.892353

eval mIoU of Pistol 0.804409

eval mIoU of Rocket 0.504997

eval mIoU of Skateboard 0.707702

eval mIoU of Table 0.845852

Epoch 46 test Accuracy: 0.934221 Class avg mIOU: 0.735203 Instance avg mIOU: 0.833045

epoch accuarcy: 0.9342209433489305

time consuming: 98s

mIOU: 0.833045237155873

Best accuracy is: 0.93422

Best class avg mIOU is: 0.74815

Best instance avg mIOU is: 0.83457

Running Epoch: 47

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.43it/s]

eval mIoU of Airplane 0.846551

eval mIoU of Bag 0.683120

eval mIoU of Cap 0.693629

eval mIoU of Car 0.720676

eval mIoU of Chair 0.884603

eval mIoU of Earphone 0.555323

eval mIoU of Guitar 0.900476

eval mIoU of Knife 0.834451

eval mIoU of Lamp 0.768527

eval mIoU of Laptop 0.963071

eval mIoU of Motorbike 0.471009

eval mIoU of Mug 0.871283

eval mIoU of Pistol 0.842047

eval mIoU of Rocket 0.502826

eval mIoU of Skateboard 0.667938

eval mIoU of Table 0.847986

Epoch 47 test Accuracy: 0.935304 Class avg mIOU: 0.753345 Instance avg mIOU: 0.838378

epoch accuarcy: 0.9353037788268717

time consuming: 98s

mIOU: 0.8383780327979296

epoch 47 will be saved.

Saving at log/checkpoints/best\_model.pth

Saving model....

Best accuracy is: 0.93530

Best class avg mIOU is: 0.75334

Best instance avg mIOU is: 0.83838

Running Epoch: 48

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.46it/s]

eval mIoU of Airplane 0.824923

eval mIoU of Bag 0.705758

eval mIoU of Cap 0.528326

eval mIoU of Car 0.703749

eval mIoU of Chair 0.894860

eval mIoU of Earphone 0.506154

eval mIoU of Guitar 0.888308

eval mIoU of Knife 0.779085

eval mIoU of Lamp 0.760000

eval mIoU of Laptop 0.930981

eval mIoU of Motorbike 0.499475

eval mIoU of Mug 0.839001

eval mIoU of Pistol 0.785900

eval mIoU of Rocket 0.552973

eval mIoU of Skateboard 0.742403

eval mIoU of Table 0.839366

Epoch 48 test Accuracy: 0.931705 Class avg mIOU: 0.736329 Instance avg mIOU: 0.829161

epoch accuarcy: 0.9317053810160428

time consuming: 98s

mIOU: 0.8291611644261435

Best accuracy is: 0.93530

Best class avg mIOU is: 0.75334

Best instance avg mIOU is: 0.83838

Running Epoch: 49

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.15it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.44it/s]

eval mIoU of Airplane 0.847990

eval mIoU of Bag 0.682528

eval mIoU of Cap 0.672868

eval mIoU of Car 0.711798

eval mIoU of Chair 0.889072

eval mIoU of Earphone 0.599933

eval mIoU of Guitar 0.883160

eval mIoU of Knife 0.818387

eval mIoU of Lamp 0.762610

eval mIoU of Laptop 0.920833

eval mIoU of Motorbike 0.522300

eval mIoU of Mug 0.894617

eval mIoU of Pistol 0.824178

eval mIoU of Rocket 0.464963

eval mIoU of Skateboard 0.682234

eval mIoU of Table 0.846935

Epoch 49 test Accuracy: 0.935171 Class avg mIOU: 0.751525 Instance avg mIOU: 0.837105

epoch accuarcy: 0.9351711334391711

time consuming: 98s

mIOU: 0.8371049700059711

Best accuracy is: 0.93530

Best class avg mIOU is: 0.75334

Best instance avg mIOU is: 0.83838

Running Epoch: 50

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.47it/s]

eval mIoU of Airplane 0.847328

eval mIoU of Bag 0.665430

eval mIoU of Cap 0.626081

eval mIoU of Car 0.720391

eval mIoU of Chair 0.892464

eval mIoU of Earphone 0.476252

eval mIoU of Guitar 0.833534

eval mIoU of Knife 0.811884

eval mIoU of Lamp 0.751601

eval mIoU of Laptop 0.936108

eval mIoU of Motorbike 0.424038

eval mIoU of Mug 0.879857

eval mIoU of Pistol 0.794465

eval mIoU of Rocket 0.496052

eval mIoU of Skateboard 0.696673

eval mIoU of Table 0.848258

Epoch 50 test Accuracy: 0.934411 Class avg mIOU: 0.731276 Instance avg mIOU: 0.833484

epoch accuarcy: 0.9344112947025401

time consuming: 98s

mIOU: 0.8334835055853477

Best accuracy is: 0.93530

Best class avg mIOU is: 0.75334

Best instance avg mIOU is: 0.83838

Running Epoch: 51

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.46it/s]

eval mIoU of Airplane 0.836350

eval mIoU of Bag 0.724785

eval mIoU of Cap 0.650635

eval mIoU of Car 0.684203

eval mIoU of Chair 0.881188

eval mIoU of Earphone 0.461302

eval mIoU of Guitar 0.881710

eval mIoU of Knife 0.796213

eval mIoU of Lamp 0.764528

eval mIoU of Laptop 0.956302

eval mIoU of Motorbike 0.484253

eval mIoU of Mug 0.847645

eval mIoU of Pistol 0.814253

eval mIoU of Rocket 0.467869

eval mIoU of Skateboard 0.631147

eval mIoU of Table 0.839836

Epoch 51 test Accuracy: 0.931292 Class avg mIOU: 0.732639 Instance avg mIOU: 0.828269

epoch accuarcy: 0.9312917780748663

time consuming: 98s

mIOU: 0.8282689458690127

Best accuracy is: 0.93530

Best class avg mIOU is: 0.75334

Best instance avg mIOU is: 0.83838

Running Epoch: 52

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.15it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.48it/s]

eval mIoU of Airplane 0.845135

eval mIoU of Bag 0.777731

eval mIoU of Cap 0.617716

eval mIoU of Car 0.708237

eval mIoU of Chair 0.884264

eval mIoU of Earphone 0.461271

eval mIoU of Guitar 0.889311

eval mIoU of Knife 0.774590

eval mIoU of Lamp 0.766464

eval mIoU of Laptop 0.953098

eval mIoU of Motorbike 0.435820

eval mIoU of Mug 0.895019

eval mIoU of Pistol 0.830284

eval mIoU of Rocket 0.507996

eval mIoU of Skateboard 0.736380

eval mIoU of Table 0.844063

Epoch 52 test Accuracy: 0.932960 Class avg mIOU: 0.745461 Instance avg mIOU: 0.834256

epoch accuarcy: 0.9329595066009359

time consuming: 98s

mIOU: 0.8342555505846878

Best accuracy is: 0.93530

Best class avg mIOU is: 0.75334

Best instance avg mIOU is: 0.83838

Running Epoch: 53

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.47it/s]

eval mIoU of Airplane 0.844488

eval mIoU of Bag 0.658863

eval mIoU of Cap 0.695969

eval mIoU of Car 0.703430

eval mIoU of Chair 0.893679

eval mIoU of Earphone 0.474304

eval mIoU of Guitar 0.897238

eval mIoU of Knife 0.810702

eval mIoU of Lamp 0.773125

eval mIoU of Laptop 0.959474

eval mIoU of Motorbike 0.491975

eval mIoU of Mug 0.900869

eval mIoU of Pistol 0.760405

eval mIoU of Rocket 0.531032

eval mIoU of Skateboard 0.681671

eval mIoU of Table 0.848649

Epoch 53 test Accuracy: 0.935411 Class avg mIOU: 0.745367 Instance avg mIOU: 0.838126

epoch accuarcy: 0.9354105740307487

time consuming: 98s

mIOU: 0.8381258283216235

Best accuracy is: 0.93541

Best class avg mIOU is: 0.75334

Best instance avg mIOU is: 0.83838

Running Epoch: 54

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.47it/s]

eval mIoU of Airplane 0.845938

eval mIoU of Bag 0.765417

eval mIoU of Cap 0.773072

eval mIoU of Car 0.715087

eval mIoU of Chair 0.886648

eval mIoU of Earphone 0.571531

eval mIoU of Guitar 0.890159

eval mIoU of Knife 0.799201

eval mIoU of Lamp 0.761342

eval mIoU of Laptop 0.960813

eval mIoU of Motorbike 0.488367

eval mIoU of Mug 0.876502

eval mIoU of Pistol 0.831974

eval mIoU of Rocket 0.414820

eval mIoU of Skateboard 0.729062

eval mIoU of Table 0.845296

Epoch 54 test Accuracy: 0.933945 Class avg mIOU: 0.759702 Instance avg mIOU: 0.836757

epoch accuarcy: 0.9339452080548128

time consuming: 98s

mIOU: 0.8367570153596379

Best accuracy is: 0.93541

Best class avg mIOU is: 0.75970

Best instance avg mIOU is: 0.83838

Running Epoch: 55

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.44it/s]

eval mIoU of Airplane 0.838988

eval mIoU of Bag 0.635644

eval mIoU of Cap 0.559559

eval mIoU of Car 0.698848

eval mIoU of Chair 0.882013

eval mIoU of Earphone 0.530153

eval mIoU of Guitar 0.897117

eval mIoU of Knife 0.831584

eval mIoU of Lamp 0.755291

eval mIoU of Laptop 0.955626

eval mIoU of Motorbike 0.506086

eval mIoU of Mug 0.858114

eval mIoU of Pistol 0.735662

eval mIoU of Rocket 0.420329

eval mIoU of Skateboard 0.736882

eval mIoU of Table 0.841749

Epoch 55 test Accuracy: 0.931568 Class avg mIOU: 0.730228 Instance avg mIOU: 0.830187

epoch accuarcy: 0.9315680355949197

time consuming: 98s

mIOU: 0.8301867502340832

Best accuracy is: 0.93541

Best class avg mIOU is: 0.75970

Best instance avg mIOU is: 0.83838

Running Epoch: 56

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.45it/s]

eval mIoU of Airplane 0.848113

eval mIoU of Bag 0.701721

eval mIoU of Cap 0.471259

eval mIoU of Car 0.678045

eval mIoU of Chair 0.879124

eval mIoU of Earphone 0.490923

eval mIoU of Guitar 0.896127

eval mIoU of Knife 0.832956

eval mIoU of Lamp 0.746366

eval mIoU of Laptop 0.963840

eval mIoU of Motorbike 0.508293

eval mIoU of Mug 0.910494

eval mIoU of Pistol 0.845311

eval mIoU of Rocket 0.502139

eval mIoU of Skateboard 0.719981

eval mIoU of Table 0.846787

Epoch 56 test Accuracy: 0.933295 Class avg mIOU: 0.740092 Instance avg mIOU: 0.834034

epoch accuarcy: 0.933294775651738

time consuming: 98s

mIOU: 0.8340340511391944

Best accuracy is: 0.93541

Best class avg mIOU is: 0.75970

Best instance avg mIOU is: 0.83838

Running Epoch: 57

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.48it/s]

eval mIoU of Airplane 0.826079

eval mIoU of Bag 0.709298

eval mIoU of Cap 0.723324

eval mIoU of Car 0.651647

eval mIoU of Chair 0.893165

eval mIoU of Earphone 0.444438

eval mIoU of Guitar 0.880707

eval mIoU of Knife 0.804077

eval mIoU of Lamp 0.740708

eval mIoU of Laptop 0.966141

eval mIoU of Motorbike 0.492005

eval mIoU of Mug 0.891025

eval mIoU of Pistol 0.825527

eval mIoU of Rocket 0.474775

eval mIoU of Skateboard 0.722749

eval mIoU of Table 0.831304

Epoch 57 test Accuracy: 0.928525 Class avg mIOU: 0.742311 Instance avg mIOU: 0.824578

epoch accuarcy: 0.928524763953877

time consuming: 98s

mIOU: 0.8245780739488872

Best accuracy is: 0.93541

Best class avg mIOU is: 0.75970

Best instance avg mIOU is: 0.83838

Running Epoch: 58

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.50it/s]

eval mIoU of Airplane 0.845901

eval mIoU of Bag 0.715181

eval mIoU of Cap 0.748382

eval mIoU of Car 0.705481

eval mIoU of Chair 0.895254

eval mIoU of Earphone 0.506319

eval mIoU of Guitar 0.840747

eval mIoU of Knife 0.841078

eval mIoU of Lamp 0.777192

eval mIoU of Laptop 0.939926

eval mIoU of Motorbike 0.478792

eval mIoU of Mug 0.873518

eval mIoU of Pistol 0.780933

eval mIoU of Rocket 0.483747

eval mIoU of Skateboard 0.717197

eval mIoU of Table 0.845688

Epoch 58 test Accuracy: 0.934959 Class avg mIOU: 0.749708 Instance avg mIOU: 0.836454

epoch accuarcy: 0.9349588485962567

time consuming: 98s

mIOU: 0.8364543133585683

Best accuracy is: 0.93541

Best class avg mIOU is: 0.75970

Best instance avg mIOU is: 0.83838

Running Epoch: 59

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.45it/s]

eval mIoU of Airplane 0.842042

eval mIoU of Bag 0.766550

eval mIoU of Cap 0.621050

eval mIoU of Car 0.692291

eval mIoU of Chair 0.882253

eval mIoU of Earphone 0.499540

eval mIoU of Guitar 0.895168

eval mIoU of Knife 0.842551

eval mIoU of Lamp 0.786310

eval mIoU of Laptop 0.951149

eval mIoU of Motorbike 0.491411

eval mIoU of Mug 0.834856

eval mIoU of Pistol 0.779563

eval mIoU of Rocket 0.475087

eval mIoU of Skateboard 0.690792

eval mIoU of Table 0.839249

Epoch 59 test Accuracy: 0.932634 Class avg mIOU: 0.743116 Instance avg mIOU: 0.832989

epoch accuarcy: 0.9326336376169786

time consuming: 98s

mIOU: 0.8329885565300824

Best accuracy is: 0.93541

Best class avg mIOU is: 0.75970

Best instance avg mIOU is: 0.83838

Running Epoch: 60

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.41it/s]

eval mIoU of Airplane 0.851582

eval mIoU of Bag 0.749586

eval mIoU of Cap 0.633936

eval mIoU of Car 0.708358

eval mIoU of Chair 0.893586

eval mIoU of Earphone 0.510396

eval mIoU of Guitar 0.868261

eval mIoU of Knife 0.830235

eval mIoU of Lamp 0.753664

eval mIoU of Laptop 0.961151

eval mIoU of Motorbike 0.495608

eval mIoU of Mug 0.894002

eval mIoU of Pistol 0.835105

eval mIoU of Rocket 0.532595

eval mIoU of Skateboard 0.759344

eval mIoU of Table 0.849017

Epoch 60 test Accuracy: 0.935896 Class avg mIOU: 0.757902 Instance avg mIOU: 0.839785

epoch accuarcy: 0.9358962441510695

time consuming: 98s

mIOU: 0.8397846699328164

epoch 60 will be saved.

Saving at log/checkpoints/best\_model.pth

Saving model....

Best accuracy is: 0.93590

Best class avg mIOU is: 0.75970

Best instance avg mIOU is: 0.83978

Running Epoch: 61

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.46it/s]

eval mIoU of Airplane 0.849724

eval mIoU of Bag 0.699129

eval mIoU of Cap 0.720348

eval mIoU of Car 0.691148

eval mIoU of Chair 0.893561

eval mIoU of Earphone 0.586899

eval mIoU of Guitar 0.901100

eval mIoU of Knife 0.828852

eval mIoU of Lamp 0.753238

eval mIoU of Laptop 0.958578

eval mIoU of Motorbike 0.524118

eval mIoU of Mug 0.891000

eval mIoU of Pistol 0.818294

eval mIoU of Rocket 0.511797

eval mIoU of Skateboard 0.724690

eval mIoU of Table 0.848041

Epoch 61 test Accuracy: 0.935163 Class avg mIOU: 0.762532 Instance avg mIOU: 0.839584

epoch accuarcy: 0.9351633000501337

time consuming: 98s

mIOU: 0.8395838706644904

Best accuracy is: 0.93590

Best class avg mIOU is: 0.76253

Best instance avg mIOU is: 0.83978

Running Epoch: 62

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.46it/s]

eval mIoU of Airplane 0.843163

eval mIoU of Bag 0.766337

eval mIoU of Cap 0.614566

eval mIoU of Car 0.682606

eval mIoU of Chair 0.888389

eval mIoU of Earphone 0.513781

eval mIoU of Guitar 0.876011

eval mIoU of Knife 0.852474

eval mIoU of Lamp 0.747479

eval mIoU of Laptop 0.959796

eval mIoU of Motorbike 0.405693

eval mIoU of Mug 0.826033

eval mIoU of Pistol 0.824974

eval mIoU of Rocket 0.461184

eval mIoU of Skateboard 0.740194

eval mIoU of Table 0.846871

Epoch 62 test Accuracy: 0.932236 Class avg mIOU: 0.740597 Instance avg mIOU: 0.832946

epoch accuarcy: 0.9322362236798128

time consuming: 98s

mIOU: 0.8329456804656361

Best accuracy is: 0.93590

Best class avg mIOU is: 0.76253

Best instance avg mIOU is: 0.83978

Running Epoch: 63

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.45it/s]

eval mIoU of Airplane 0.847625

eval mIoU of Bag 0.694632

eval mIoU of Cap 0.697928

eval mIoU of Car 0.693350

eval mIoU of Chair 0.893122

eval mIoU of Earphone 0.521790

eval mIoU of Guitar 0.883220

eval mIoU of Knife 0.793180

eval mIoU of Lamp 0.751823

eval mIoU of Laptop 0.959554

eval mIoU of Motorbike 0.483747

eval mIoU of Mug 0.902957

eval mIoU of Pistol 0.823973

eval mIoU of Rocket 0.426169

eval mIoU of Skateboard 0.714942

eval mIoU of Table 0.843796

Epoch 63 test Accuracy: 0.933518 Class avg mIOU: 0.745738 Instance avg mIOU: 0.835213

epoch accuarcy: 0.9335175050133689

time consuming: 98s

mIOU: 0.8352134909504638

Best accuracy is: 0.93590

Best class avg mIOU is: 0.76253

Best instance avg mIOU is: 0.83978

Running Epoch: 64

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.45it/s]

eval mIoU of Airplane 0.839487

eval mIoU of Bag 0.759655

eval mIoU of Cap 0.681253

eval mIoU of Car 0.722139

eval mIoU of Chair 0.892240

eval mIoU of Earphone 0.484652

eval mIoU of Guitar 0.886704

eval mIoU of Knife 0.844704

eval mIoU of Lamp 0.773728

eval mIoU of Laptop 0.962148

eval mIoU of Motorbike 0.448220

eval mIoU of Mug 0.887506

eval mIoU of Pistol 0.803641

eval mIoU of Rocket 0.486075

eval mIoU of Skateboard 0.674337

eval mIoU of Table 0.850481

Epoch 64 test Accuracy: 0.936179 Class avg mIOU: 0.749811 Instance avg mIOU: 0.838613

epoch accuarcy: 0.9361792906082887

time consuming: 98s

mIOU: 0.8386125243687471

Best accuracy is: 0.93618

Best class avg mIOU is: 0.76253

Best instance avg mIOU is: 0.83978

Running Epoch: 65

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.44it/s]

eval mIoU of Airplane 0.844194

eval mIoU of Bag 0.654861

eval mIoU of Cap 0.715075

eval mIoU of Car 0.659159

eval mIoU of Chair 0.889375

eval mIoU of Earphone 0.493718

eval mIoU of Guitar 0.893933

eval mIoU of Knife 0.799057

eval mIoU of Lamp 0.751849

eval mIoU of Laptop 0.959431

eval mIoU of Motorbike 0.485687

eval mIoU of Mug 0.877258

eval mIoU of Pistol 0.738433

eval mIoU of Rocket 0.456001

eval mIoU of Skateboard 0.705495

eval mIoU of Table 0.845352

Epoch 65 test Accuracy: 0.931276 Class avg mIOU: 0.735555 Instance avg mIOU: 0.831539

epoch accuarcy: 0.9312761112967914

time consuming: 98s

mIOU: 0.8315390445599067

Best accuracy is: 0.93618

Best class avg mIOU is: 0.76253

Best instance avg mIOU is: 0.83978

Running Epoch: 66

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.48it/s]

eval mIoU of Airplane 0.843923

eval mIoU of Bag 0.747292

eval mIoU of Cap 0.631765

eval mIoU of Car 0.718182

eval mIoU of Chair 0.887613

eval mIoU of Earphone 0.510575

eval mIoU of Guitar 0.887372

eval mIoU of Knife 0.778226

eval mIoU of Lamp 0.766521

eval mIoU of Laptop 0.960738

eval mIoU of Motorbike 0.497581

eval mIoU of Mug 0.824151

eval mIoU of Pistol 0.776938

eval mIoU of Rocket 0.526474

eval mIoU of Skateboard 0.700339

eval mIoU of Table 0.844336

Epoch 66 test Accuracy: 0.934139 Class avg mIOU: 0.743877 Instance avg mIOU: 0.834651

epoch accuarcy: 0.9341386927640374

time consuming: 98s

mIOU: 0.8346512965959968

Best accuracy is: 0.93618

Best class avg mIOU is: 0.76253

Best instance avg mIOU is: 0.83978

Running Epoch: 67

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.45it/s]

eval mIoU of Airplane 0.840512

eval mIoU of Bag 0.676332

eval mIoU of Cap 0.542390

eval mIoU of Car 0.711781

eval mIoU of Chair 0.900756

eval mIoU of Earphone 0.525016

eval mIoU of Guitar 0.886986

eval mIoU of Knife 0.837566

eval mIoU of Lamp 0.774244

eval mIoU of Laptop 0.959889

eval mIoU of Motorbike 0.490646

eval mIoU of Mug 0.899642

eval mIoU of Pistol 0.833533

eval mIoU of Rocket 0.487087

eval mIoU of Skateboard 0.714505

eval mIoU of Table 0.849127

Epoch 67 test Accuracy: 0.936359 Class avg mIOU: 0.745626 Instance avg mIOU: 0.840522

epoch accuarcy: 0.936358675217246

time consuming: 98s

mIOU: 0.8405219701597444

epoch 67 will be saved.

Saving at log/checkpoints/best\_model.pth

Saving model....

Best accuracy is: 0.93636

Best class avg mIOU is: 0.76253

Best instance avg mIOU is: 0.84052

Running Epoch: 68

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.49it/s]

eval mIoU of Airplane 0.846059

eval mIoU of Bag 0.676142

eval mIoU of Cap 0.736788

eval mIoU of Car 0.726265

eval mIoU of Chair 0.897457

eval mIoU of Earphone 0.458661

eval mIoU of Guitar 0.884111

eval mIoU of Knife 0.813429

eval mIoU of Lamp 0.761942

eval mIoU of Laptop 0.962640

eval mIoU of Motorbike 0.507833

eval mIoU of Mug 0.899659

eval mIoU of Pistol 0.795296

eval mIoU of Rocket 0.518331

eval mIoU of Skateboard 0.705679

eval mIoU of Table 0.836229

Epoch 68 test Accuracy: 0.935284 Class avg mIOU: 0.751658 Instance avg mIOU: 0.836102

epoch accuarcy: 0.9352836731283423

time consuming: 98s

mIOU: 0.8361019264687191

Best accuracy is: 0.93636

Best class avg mIOU is: 0.76253

Best instance avg mIOU is: 0.84052

Running Epoch: 69

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.48it/s]

eval mIoU of Airplane 0.848726

eval mIoU of Bag 0.708233

eval mIoU of Cap 0.599496

eval mIoU of Car 0.663416

eval mIoU of Chair 0.896762

eval mIoU of Earphone 0.543739

eval mIoU of Guitar 0.876761

eval mIoU of Knife 0.852613

eval mIoU of Lamp 0.759587

eval mIoU of Laptop 0.965751

eval mIoU of Motorbike 0.420198

eval mIoU of Mug 0.906455

eval mIoU of Pistol 0.821392

eval mIoU of Rocket 0.555287

eval mIoU of Skateboard 0.770464

eval mIoU of Table 0.843854

Epoch 69 test Accuracy: 0.935210 Class avg mIOU: 0.752046 Instance avg mIOU: 0.836487

epoch accuarcy: 0.9352103003843583

time consuming: 98s

mIOU: 0.8364869078764626

Best accuracy is: 0.93636

Best class avg mIOU is: 0.76253

Best instance avg mIOU is: 0.84052

Running Epoch: 70

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.45it/s]

eval mIoU of Airplane 0.849711

eval mIoU of Bag 0.762910

eval mIoU of Cap 0.738882

eval mIoU of Car 0.679652

eval mIoU of Chair 0.898020

eval mIoU of Earphone 0.558819

eval mIoU of Guitar 0.887561

eval mIoU of Knife 0.842990

eval mIoU of Lamp 0.771497

eval mIoU of Laptop 0.926320

eval mIoU of Motorbike 0.486883

eval mIoU of Mug 0.878878

eval mIoU of Pistol 0.821190

eval mIoU of Rocket 0.549124

eval mIoU of Skateboard 0.720264

eval mIoU of Table 0.846421

Epoch 70 test Accuracy: 0.937126 Class avg mIOU: 0.763695 Instance avg mIOU: 0.839637

epoch accuarcy: 0.9371263473429144

time consuming: 98s

mIOU: 0.8396369016667095

Best accuracy is: 0.93713

Best class avg mIOU is: 0.76370

Best instance avg mIOU is: 0.84052

Running Epoch: 71

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.44it/s]

eval mIoU of Airplane 0.853301

eval mIoU of Bag 0.746058

eval mIoU of Cap 0.644292

eval mIoU of Car 0.701922

eval mIoU of Chair 0.895248

eval mIoU of Earphone 0.602263

eval mIoU of Guitar 0.900608

eval mIoU of Knife 0.843746

eval mIoU of Lamp 0.766341

eval mIoU of Laptop 0.967060

eval mIoU of Motorbike 0.471723

eval mIoU of Mug 0.867324

eval mIoU of Pistol 0.802065

eval mIoU of Rocket 0.415157

eval mIoU of Skateboard 0.703545

eval mIoU of Table 0.846941

Epoch 71 test Accuracy: 0.935652 Class avg mIOU: 0.751725 Instance avg mIOU: 0.840542

epoch accuarcy: 0.9356521035260695

time consuming: 98s

mIOU: 0.8405423140129851

epoch 71 will be saved.

Saving at log/checkpoints/best\_model.pth

Saving model....

Best accuracy is: 0.93713

Best class avg mIOU is: 0.76370

Best instance avg mIOU is: 0.84054

Running Epoch: 72

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.43it/s]

eval mIoU of Airplane 0.849572

eval mIoU of Bag 0.733272

eval mIoU of Cap 0.581652

eval mIoU of Car 0.722538

eval mIoU of Chair 0.878940

eval mIoU of Earphone 0.504937

eval mIoU of Guitar 0.896521

eval mIoU of Knife 0.848729

eval mIoU of Lamp 0.762957

eval mIoU of Laptop 0.959211

eval mIoU of Motorbike 0.528654

eval mIoU of Mug 0.888831

eval mIoU of Pistol 0.820349

eval mIoU of Rocket 0.459646

eval mIoU of Skateboard 0.693259

eval mIoU of Table 0.847414

Epoch 72 test Accuracy: 0.936959 Class avg mIOU: 0.748530 Instance avg mIOU: 0.837672

epoch accuarcy: 0.9369592350434492

time consuming: 98s

mIOU: 0.8376722086451602

Best accuracy is: 0.93713

Best class avg mIOU is: 0.76370

Best instance avg mIOU is: 0.84054

Running Epoch: 73

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.43it/s]

eval mIoU of Airplane 0.832936

eval mIoU of Bag 0.719993

eval mIoU of Cap 0.709189

eval mIoU of Car 0.712858

eval mIoU of Chair 0.887780

eval mIoU of Earphone 0.529013

eval mIoU of Guitar 0.892095

eval mIoU of Knife 0.851832

eval mIoU of Lamp 0.765361

eval mIoU of Laptop 0.956584

eval mIoU of Motorbike 0.446462

eval mIoU of Mug 0.904120

eval mIoU of Pistol 0.834896

eval mIoU of Rocket 0.430529

eval mIoU of Skateboard 0.692922

eval mIoU of Table 0.837157

Epoch 73 test Accuracy: 0.932992 Class avg mIOU: 0.750233 Instance avg mIOU: 0.831873

epoch accuarcy: 0.932992406834893

time consuming: 98s

mIOU: 0.8318725727807983

Best accuracy is: 0.93713

Best class avg mIOU is: 0.76370

Best instance avg mIOU is: 0.84054

Running Epoch: 74

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.46it/s]

eval mIoU of Airplane 0.835434

eval mIoU of Bag 0.713842

eval mIoU of Cap 0.715942

eval mIoU of Car 0.698088

eval mIoU of Chair 0.886376

eval mIoU of Earphone 0.525614

eval mIoU of Guitar 0.875623

eval mIoU of Knife 0.822164

eval mIoU of Lamp 0.761202

eval mIoU of Laptop 0.953420

eval mIoU of Motorbike 0.369741

eval mIoU of Mug 0.882877

eval mIoU of Pistol 0.788351

eval mIoU of Rocket 0.479869

eval mIoU of Skateboard 0.739827

eval mIoU of Table 0.844391

Epoch 74 test Accuracy: 0.931543 Class avg mIOU: 0.743298 Instance avg mIOU: 0.830670

epoch accuarcy: 0.9315427076370321

time consuming: 98s

mIOU: 0.8306703804516417

Best accuracy is: 0.93713

Best class avg mIOU is: 0.76370

Best instance avg mIOU is: 0.84054

Running Epoch: 75

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.43it/s]

eval mIoU of Airplane 0.830608

eval mIoU of Bag 0.655573

eval mIoU of Cap 0.824023

eval mIoU of Car 0.660004

eval mIoU of Chair 0.888074

eval mIoU of Earphone 0.488174

eval mIoU of Guitar 0.892790

eval mIoU of Knife 0.818228

eval mIoU of Lamp 0.774982

eval mIoU of Laptop 0.956752

eval mIoU of Motorbike 0.525434

eval mIoU of Mug 0.896807

eval mIoU of Pistol 0.823585

eval mIoU of Rocket 0.494199

eval mIoU of Skateboard 0.750210

eval mIoU of Table 0.842807

Epoch 75 test Accuracy: 0.932984 Class avg mIOU: 0.757641 Instance avg mIOU: 0.832561

epoch accuarcy: 0.9329837901069519

time consuming: 98s

mIOU: 0.832560886716629

Best accuracy is: 0.93713

Best class avg mIOU is: 0.76370

Best instance avg mIOU is: 0.84054

Running Epoch: 76

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.41it/s]

eval mIoU of Airplane 0.851250

eval mIoU of Bag 0.753291

eval mIoU of Cap 0.720350

eval mIoU of Car 0.691978

eval mIoU of Chair 0.896398

eval mIoU of Earphone 0.548662

eval mIoU of Guitar 0.887268

eval mIoU of Knife 0.856581

eval mIoU of Lamp 0.773029

eval mIoU of Laptop 0.949653

eval mIoU of Motorbike 0.477207

eval mIoU of Mug 0.913868

eval mIoU of Pistol 0.841639

eval mIoU of Rocket 0.507525

eval mIoU of Skateboard 0.671318

eval mIoU of Table 0.847727

Epoch 76 test Accuracy: 0.937663 Class avg mIOU: 0.761734 Instance avg mIOU: 0.841267

epoch accuarcy: 0.9376631956049465

time consuming: 99s

mIOU: 0.8412671179789057

epoch 76 will be saved.

Saving at log/checkpoints/best\_model.pth

Saving model....

Best accuracy is: 0.93766

Best class avg mIOU is: 0.76370

Best instance avg mIOU is: 0.84127

Running Epoch: 77

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.45it/s]

eval mIoU of Airplane 0.848356

eval mIoU of Bag 0.761123

eval mIoU of Cap 0.694326

eval mIoU of Car 0.695393

eval mIoU of Chair 0.890509

eval mIoU of Earphone 0.531512

eval mIoU of Guitar 0.890970

eval mIoU of Knife 0.825693

eval mIoU of Lamp 0.751233

eval mIoU of Laptop 0.963458

eval mIoU of Motorbike 0.473993

eval mIoU of Mug 0.864069

eval mIoU of Pistol 0.780093

eval mIoU of Rocket 0.550955

eval mIoU of Skateboard 0.690134

eval mIoU of Table 0.844533

Epoch 77 test Accuracy: 0.935448 Class avg mIOU: 0.753522 Instance avg mIOU: 0.835580

epoch accuarcy: 0.9354479131851604

time consuming: 98s

mIOU: 0.8355803929141967

Best accuracy is: 0.93766

Best class avg mIOU is: 0.76370

Best instance avg mIOU is: 0.84127

Running Epoch: 78

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.45it/s]

eval mIoU of Airplane 0.831937

eval mIoU of Bag 0.547060

eval mIoU of Cap 0.675072

eval mIoU of Car 0.716582

eval mIoU of Chair 0.896442

eval mIoU of Earphone 0.535416

eval mIoU of Guitar 0.896947

eval mIoU of Knife 0.847981

eval mIoU of Lamp 0.775820

eval mIoU of Laptop 0.959262

eval mIoU of Motorbike 0.442237

eval mIoU of Mug 0.860005

eval mIoU of Pistol 0.795423

eval mIoU of Rocket 0.489718

eval mIoU of Skateboard 0.751697

eval mIoU of Table 0.843726

Epoch 78 test Accuracy: 0.935665 Class avg mIOU: 0.741583 Instance avg mIOU: 0.835563

epoch accuarcy: 0.9356651591744652

time consuming: 98s

mIOU: 0.8355625099574301

Best accuracy is: 0.93766

Best class avg mIOU is: 0.76370

Best instance avg mIOU is: 0.84127

Running Epoch: 79

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.46it/s]

eval mIoU of Airplane 0.845892

eval mIoU of Bag 0.737813

eval mIoU of Cap 0.759595

eval mIoU of Car 0.719276

eval mIoU of Chair 0.897682

eval mIoU of Earphone 0.594719

eval mIoU of Guitar 0.879293

eval mIoU of Knife 0.829368

eval mIoU of Lamp 0.765332

eval mIoU of Laptop 0.957366

eval mIoU of Motorbike 0.523408

eval mIoU of Mug 0.790945

eval mIoU of Pistol 0.832103

eval mIoU of Rocket 0.444857

eval mIoU of Skateboard 0.750941

eval mIoU of Table 0.844592

Epoch 79 test Accuracy: 0.936619 Class avg mIOU: 0.760824 Instance avg mIOU: 0.839361

epoch accuarcy: 0.9366192659592246

time consuming: 98s

mIOU: 0.839361111325195

Best accuracy is: 0.93766

Best class avg mIOU is: 0.76370

Best instance avg mIOU is: 0.84127

Running Epoch: 80

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.46it/s]

eval mIoU of Airplane 0.847486

eval mIoU of Bag 0.702951

eval mIoU of Cap 0.467852

eval mIoU of Car 0.721919

eval mIoU of Chair 0.896931

eval mIoU of Earphone 0.513235

eval mIoU of Guitar 0.893658

eval mIoU of Knife 0.839437

eval mIoU of Lamp 0.772599

eval mIoU of Laptop 0.957658

eval mIoU of Motorbike 0.515636

eval mIoU of Mug 0.808929

eval mIoU of Pistol 0.809682

eval mIoU of Rocket 0.564523

eval mIoU of Skateboard 0.719011

eval mIoU of Table 0.843085

Epoch 80 test Accuracy: 0.936650 Class avg mIOU: 0.742162 Instance avg mIOU: 0.839278

epoch accuarcy: 0.9366495550635027

time consuming: 98s

mIOU: 0.8392775138999304

Best accuracy is: 0.93766

Best class avg mIOU is: 0.76370

Best instance avg mIOU is: 0.84127

Running Epoch: 81

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.45it/s]

eval mIoU of Airplane 0.845798

eval mIoU of Bag 0.694313

eval mIoU of Cap 0.575092

eval mIoU of Car 0.671453

eval mIoU of Chair 0.900908

eval mIoU of Earphone 0.563087

eval mIoU of Guitar 0.857444

eval mIoU of Knife 0.839952

eval mIoU of Lamp 0.776947

eval mIoU of Laptop 0.936678

eval mIoU of Motorbike 0.485733

eval mIoU of Mug 0.894224

eval mIoU of Pistol 0.823298

eval mIoU of Rocket 0.511733

eval mIoU of Skateboard 0.720603

eval mIoU of Table 0.846194

Epoch 81 test Accuracy: 0.936158 Class avg mIOU: 0.746466 Instance avg mIOU: 0.837625

epoch accuarcy: 0.9361581404578877

time consuming: 98s

mIOU: 0.8376253108700973

Best accuracy is: 0.93766

Best class avg mIOU is: 0.76370

Best instance avg mIOU is: 0.84127

Running Epoch: 82

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.42it/s]

eval mIoU of Airplane 0.854004

eval mIoU of Bag 0.641114

eval mIoU of Cap 0.552821

eval mIoU of Car 0.722566

eval mIoU of Chair 0.892084

eval mIoU of Earphone 0.572174

eval mIoU of Guitar 0.870678

eval mIoU of Knife 0.835247

eval mIoU of Lamp 0.775651

eval mIoU of Laptop 0.954776

eval mIoU of Motorbike 0.511131

eval mIoU of Mug 0.841196

eval mIoU of Pistol 0.817150

eval mIoU of Rocket 0.534765

eval mIoU of Skateboard 0.752295

eval mIoU of Table 0.846113

Epoch 82 test Accuracy: 0.937155 Class avg mIOU: 0.748360 Instance avg mIOU: 0.840347

epoch accuarcy: 0.9371548086564171

time consuming: 99s

mIOU: 0.8403472772674632

Best accuracy is: 0.93766

Best class avg mIOU is: 0.76370

Best instance avg mIOU is: 0.84127

Running Epoch: 83

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.40it/s]

eval mIoU of Airplane 0.855264

eval mIoU of Bag 0.749246

eval mIoU of Cap 0.613658

eval mIoU of Car 0.701099

eval mIoU of Chair 0.896360

eval mIoU of Earphone 0.498402

eval mIoU of Guitar 0.878181

eval mIoU of Knife 0.851184

eval mIoU of Lamp 0.758770

eval mIoU of Laptop 0.964226

eval mIoU of Motorbike 0.517470

eval mIoU of Mug 0.864133

eval mIoU of Pistol 0.830406

eval mIoU of Rocket 0.526545

eval mIoU of Skateboard 0.687851

eval mIoU of Table 0.847294

Epoch 83 test Accuracy: 0.937221 Class avg mIOU: 0.752506 Instance avg mIOU: 0.840834

epoch accuarcy: 0.9372213924632353

time consuming: 99s

mIOU: 0.8408338718587324

Best accuracy is: 0.93766

Best class avg mIOU is: 0.76370

Best instance avg mIOU is: 0.84127

Running Epoch: 84

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.46it/s]

eval mIoU of Airplane 0.843995

eval mIoU of Bag 0.755658

eval mIoU of Cap 0.754716

eval mIoU of Car 0.700092

eval mIoU of Chair 0.890427

eval mIoU of Earphone 0.532923

eval mIoU of Guitar 0.894008

eval mIoU of Knife 0.798212

eval mIoU of Lamp 0.778301

eval mIoU of Laptop 0.959520

eval mIoU of Motorbike 0.480393

eval mIoU of Mug 0.885231

eval mIoU of Pistol 0.826190

eval mIoU of Rocket 0.542520

eval mIoU of Skateboard 0.734310

eval mIoU of Table 0.845043

Epoch 84 test Accuracy: 0.936301 Class avg mIOU: 0.763846 Instance avg mIOU: 0.838075

epoch accuarcy: 0.9363014914772727

time consuming: 98s

mIOU: 0.8380753155894087

Best accuracy is: 0.93766

Best class avg mIOU is: 0.76385

Best instance avg mIOU is: 0.84127

Running Epoch: 85

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.48it/s]

eval mIoU of Airplane 0.855949

eval mIoU of Bag 0.725200

eval mIoU of Cap 0.619445

eval mIoU of Car 0.709371

eval mIoU of Chair 0.900151

eval mIoU of Earphone 0.481559

eval mIoU of Guitar 0.892515

eval mIoU of Knife 0.856631

eval mIoU of Lamp 0.775011

eval mIoU of Laptop 0.958715

eval mIoU of Motorbike 0.542040

eval mIoU of Mug 0.882634

eval mIoU of Pistol 0.843042

eval mIoU of Rocket 0.482821

eval mIoU of Skateboard 0.717052

eval mIoU of Table 0.851199

Epoch 85 test Accuracy: 0.938498 Class avg mIOU: 0.755833 Instance avg mIOU: 0.845786

epoch accuarcy: 0.938497712650401

time consuming: 98s

mIOU: 0.8457864774943996

epoch 85 will be saved.

Saving at log/checkpoints/best\_model.pth

Saving model....

Best accuracy is: 0.93850

Best class avg mIOU is: 0.76385

Best instance avg mIOU is: 0.84579

Running Epoch: 86

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.44it/s]

eval mIoU of Airplane 0.854057

eval mIoU of Bag 0.720534

eval mIoU of Cap 0.676508

eval mIoU of Car 0.707236

eval mIoU of Chair 0.893951

eval mIoU of Earphone 0.500438

eval mIoU of Guitar 0.904310

eval mIoU of Knife 0.853583

eval mIoU of Lamp 0.775920

eval mIoU of Laptop 0.929456

eval mIoU of Motorbike 0.491922

eval mIoU of Mug 0.907943

eval mIoU of Pistol 0.843909

eval mIoU of Rocket 0.504203

eval mIoU of Skateboard 0.706518

eval mIoU of Table 0.845206

Epoch 86 test Accuracy: 0.937720 Class avg mIOU: 0.757231 Instance avg mIOU: 0.841651

epoch accuarcy: 0.9377203793449198

time consuming: 98s

mIOU: 0.8416511980997264

Best accuracy is: 0.93850

Best class avg mIOU is: 0.76385

Best instance avg mIOU is: 0.84579

Running Epoch: 87

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.40it/s]

eval mIoU of Airplane 0.839211

eval mIoU of Bag 0.759618

eval mIoU of Cap 0.657024

eval mIoU of Car 0.712748

eval mIoU of Chair 0.896006

eval mIoU of Earphone 0.502444

eval mIoU of Guitar 0.897785

eval mIoU of Knife 0.826654

eval mIoU of Lamp 0.770310

eval mIoU of Laptop 0.962690

eval mIoU of Motorbike 0.496260

eval mIoU of Mug 0.834359

eval mIoU of Pistol 0.829290

eval mIoU of Rocket 0.413170

eval mIoU of Skateboard 0.627432

eval mIoU of Table 0.848934

Epoch 87 test Accuracy: 0.935186 Class avg mIOU: 0.742121 Instance avg mIOU: 0.838264

epoch accuarcy: 0.9351860168783422

time consuming: 98s

mIOU: 0.8382636311366246

Best accuracy is: 0.93850

Best class avg mIOU is: 0.76385

Best instance avg mIOU is: 0.84579

Running Epoch: 88

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.40it/s]

eval mIoU of Airplane 0.850400

eval mIoU of Bag 0.688197

eval mIoU of Cap 0.728945

eval mIoU of Car 0.695615

eval mIoU of Chair 0.894345

eval mIoU of Earphone 0.537288

eval mIoU of Guitar 0.877323

eval mIoU of Knife 0.815557

eval mIoU of Lamp 0.772920

eval mIoU of Laptop 0.964783

eval mIoU of Motorbike 0.433864

eval mIoU of Mug 0.900737

eval mIoU of Pistol 0.801284

eval mIoU of Rocket 0.556538

eval mIoU of Skateboard 0.710468

eval mIoU of Table 0.843986

Epoch 88 test Accuracy: 0.936220 Class avg mIOU: 0.754516 Instance avg mIOU: 0.837670

epoch accuarcy: 0.9362195020053476

time consuming: 98s

mIOU: 0.8376702765943568

Best accuracy is: 0.93850

Best class avg mIOU is: 0.76385

Best instance avg mIOU is: 0.84579

Running Epoch: 89

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.40it/s]

eval mIoU of Airplane 0.855091

eval mIoU of Bag 0.741542

eval mIoU of Cap 0.528567

eval mIoU of Car 0.691357

eval mIoU of Chair 0.892202

eval mIoU of Earphone 0.502332

eval mIoU of Guitar 0.895631

eval mIoU of Knife 0.847841

eval mIoU of Lamp 0.758829

eval mIoU of Laptop 0.964016

eval mIoU of Motorbike 0.487415

eval mIoU of Mug 0.898438

eval mIoU of Pistol 0.854633

eval mIoU of Rocket 0.452827

eval mIoU of Skateboard 0.712571

eval mIoU of Table 0.844827

Epoch 89 test Accuracy: 0.935581 Class avg mIOU: 0.745507 Instance avg mIOU: 0.839284

epoch accuarcy: 0.9355813419117647

time consuming: 98s

mIOU: 0.8392836370590852

Best accuracy is: 0.93850

Best class avg mIOU is: 0.76385

Best instance avg mIOU is: 0.84579

Running Epoch: 90

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.45it/s]

eval mIoU of Airplane 0.844376

eval mIoU of Bag 0.619108

eval mIoU of Cap 0.662814

eval mIoU of Car 0.718767

eval mIoU of Chair 0.895901

eval mIoU of Earphone 0.503498

eval mIoU of Guitar 0.886583

eval mIoU of Knife 0.846363

eval mIoU of Lamp 0.785476

eval mIoU of Laptop 0.966183

eval mIoU of Motorbike 0.493537

eval mIoU of Mug 0.839276

eval mIoU of Pistol 0.838322

eval mIoU of Rocket 0.503705

eval mIoU of Skateboard 0.636095

eval mIoU of Table 0.847112

Epoch 90 test Accuracy: 0.936567 Class avg mIOU: 0.742945 Instance avg mIOU: 0.840177

epoch accuarcy: 0.9365665211397058

time consuming: 98s

mIOU: 0.8401765892454015

Best accuracy is: 0.93850

Best class avg mIOU is: 0.76385

Best instance avg mIOU is: 0.84579

Running Epoch: 91

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.44it/s]

eval mIoU of Airplane 0.853426

eval mIoU of Bag 0.710148

eval mIoU of Cap 0.544378

eval mIoU of Car 0.667215

eval mIoU of Chair 0.896892

eval mIoU of Earphone 0.581976

eval mIoU of Guitar 0.900267

eval mIoU of Knife 0.807198

eval mIoU of Lamp 0.753787

eval mIoU of Laptop 0.966298

eval mIoU of Motorbike 0.483155

eval mIoU of Mug 0.888858

eval mIoU of Pistol 0.837487

eval mIoU of Rocket 0.461034

eval mIoU of Skateboard 0.734731

eval mIoU of Table 0.842833

Epoch 91 test Accuracy: 0.935245 Class avg mIOU: 0.745605 Instance avg mIOU: 0.837317

epoch accuarcy: 0.9352452895220589

time consuming: 98s

mIOU: 0.8373170113734748

Best accuracy is: 0.93850

Best class avg mIOU is: 0.76385

Best instance avg mIOU is: 0.84579

Running Epoch: 92

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.39it/s]

eval mIoU of Airplane 0.854713

eval mIoU of Bag 0.770698

eval mIoU of Cap 0.682721

eval mIoU of Car 0.685850

eval mIoU of Chair 0.896054

eval mIoU of Earphone 0.456284

eval mIoU of Guitar 0.883588

eval mIoU of Knife 0.845983

eval mIoU of Lamp 0.772763

eval mIoU of Laptop 0.960195

eval mIoU of Motorbike 0.451006

eval mIoU of Mug 0.870112

eval mIoU of Pistol 0.817475

eval mIoU of Rocket 0.437634

eval mIoU of Skateboard 0.690343

eval mIoU of Table 0.847248

Epoch 92 test Accuracy: 0.937935 Class avg mIOU: 0.745167 Instance avg mIOU: 0.839783

epoch accuarcy: 0.9379350142045455

time consuming: 99s

mIOU: 0.8397827434397045

Best accuracy is: 0.93850

Best class avg mIOU is: 0.76385

Best instance avg mIOU is: 0.84579

Running Epoch: 93

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.45it/s]

eval mIoU of Airplane 0.846959

eval mIoU of Bag 0.743190

eval mIoU of Cap 0.596247

eval mIoU of Car 0.693173

eval mIoU of Chair 0.895940

eval mIoU of Earphone 0.570885

eval mIoU of Guitar 0.898877

eval mIoU of Knife 0.842695

eval mIoU of Lamp 0.780443

eval mIoU of Laptop 0.962181

eval mIoU of Motorbike 0.473040

eval mIoU of Mug 0.836777

eval mIoU of Pistol 0.821597

eval mIoU of Rocket 0.557149

eval mIoU of Skateboard 0.737744

eval mIoU of Table 0.850571

Epoch 93 test Accuracy: 0.937902 Class avg mIOU: 0.756717 Instance avg mIOU: 0.841708

epoch accuarcy: 0.9379023750835561

time consuming: 98s

mIOU: 0.8417075750743949

Best accuracy is: 0.93850

Best class avg mIOU is: 0.76385

Best instance avg mIOU is: 0.84579

Running Epoch: 94

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.45it/s]

eval mIoU of Airplane 0.857144

eval mIoU of Bag 0.761374

eval mIoU of Cap 0.543721

eval mIoU of Car 0.733514

eval mIoU of Chair 0.888396

eval mIoU of Earphone 0.514242

eval mIoU of Guitar 0.899501

eval mIoU of Knife 0.842935

eval mIoU of Lamp 0.774995

eval mIoU of Laptop 0.960810

eval mIoU of Motorbike 0.515293

eval mIoU of Mug 0.855154

eval mIoU of Pistol 0.840361

eval mIoU of Rocket 0.461641

eval mIoU of Skateboard 0.769111

eval mIoU of Table 0.851396

Epoch 94 test Accuracy: 0.937537 Class avg mIOU: 0.754349 Instance avg mIOU: 0.844472

epoch accuarcy: 0.9375373391544117

time consuming: 98s

mIOU: 0.8444720938936147

Best accuracy is: 0.93850

Best class avg mIOU is: 0.76385

Best instance avg mIOU is: 0.84579

Running Epoch: 95

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.46it/s]

eval mIoU of Airplane 0.852090

eval mIoU of Bag 0.689722

eval mIoU of Cap 0.518464

eval mIoU of Car 0.708754

eval mIoU of Chair 0.895827

eval mIoU of Earphone 0.601579

eval mIoU of Guitar 0.895970

eval mIoU of Knife 0.853805

eval mIoU of Lamp 0.750519

eval mIoU of Laptop 0.958820

eval mIoU of Motorbike 0.536213

eval mIoU of Mug 0.903346

eval mIoU of Pistol 0.751231

eval mIoU of Rocket 0.500587

eval mIoU of Skateboard 0.698963

eval mIoU of Table 0.849037

Epoch 95 test Accuracy: 0.937028 Class avg mIOU: 0.747808 Instance avg mIOU: 0.840096

epoch accuarcy: 0.9370279077540107

time consuming: 98s

mIOU: 0.8400961136672286

Best accuracy is: 0.93850

Best class avg mIOU is: 0.76385

Best instance avg mIOU is: 0.84579

Running Epoch: 96

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.45it/s]

eval mIoU of Airplane 0.856686

eval mIoU of Bag 0.776647

eval mIoU of Cap 0.638302

eval mIoU of Car 0.712315

eval mIoU of Chair 0.897517

eval mIoU of Earphone 0.521957

eval mIoU of Guitar 0.896698

eval mIoU of Knife 0.834602

eval mIoU of Lamp 0.775147

eval mIoU of Laptop 0.957221

eval mIoU of Motorbike 0.540768

eval mIoU of Mug 0.833644

eval mIoU of Pistol 0.810194

eval mIoU of Rocket 0.568958

eval mIoU of Skateboard 0.753347

eval mIoU of Table 0.831580

Epoch 96 test Accuracy: 0.935934 Class avg mIOU: 0.762849 Instance avg mIOU: 0.839175

epoch accuarcy: 0.9359338444184492

time consuming: 98s

mIOU: 0.8391749545162747

Best accuracy is: 0.93850

Best class avg mIOU is: 0.76385

Best instance avg mIOU is: 0.84579

Running Epoch: 97

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.45it/s]

eval mIoU of Airplane 0.850858

eval mIoU of Bag 0.768407

eval mIoU of Cap 0.464574

eval mIoU of Car 0.729306

eval mIoU of Chair 0.900107

eval mIoU of Earphone 0.569086

eval mIoU of Guitar 0.899467

eval mIoU of Knife 0.837068

eval mIoU of Lamp 0.776694

eval mIoU of Laptop 0.959559

eval mIoU of Motorbike 0.526762

eval mIoU of Mug 0.898039

eval mIoU of Pistol 0.811752

eval mIoU of Rocket 0.542808

eval mIoU of Skateboard 0.657402

eval mIoU of Table 0.848007

Epoch 97 test Accuracy: 0.939634 Class avg mIOU: 0.752493 Instance avg mIOU: 0.843892

epoch accuarcy: 0.9396340762867647

time consuming: 98s

mIOU: 0.8438921762202687

Best accuracy is: 0.93963

Best class avg mIOU is: 0.76385

Best instance avg mIOU is: 0.84579

Running Epoch: 98

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.42it/s]

eval mIoU of Airplane 0.857450

eval mIoU of Bag 0.737735

eval mIoU of Cap 0.745897

eval mIoU of Car 0.715314

eval mIoU of Chair 0.896441

eval mIoU of Earphone 0.493702

eval mIoU of Guitar 0.901771

eval mIoU of Knife 0.846563

eval mIoU of Lamp 0.767029

eval mIoU of Laptop 0.966722

eval mIoU of Motorbike 0.454920

eval mIoU of Mug 0.875226

eval mIoU of Pistol 0.833040

eval mIoU of Rocket 0.532094

eval mIoU of Skateboard 0.744443

eval mIoU of Table 0.849211

Epoch 98 test Accuracy: 0.939560 Class avg mIOU: 0.763597 Instance avg mIOU: 0.844149

epoch accuarcy: 0.939559920203877

time consuming: 98s

mIOU: 0.8441489499429874

Best accuracy is: 0.93963

Best class avg mIOU is: 0.76385

Best instance avg mIOU is: 0.84579

Running Epoch: 99

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.45it/s]

eval mIoU of Airplane 0.833614

eval mIoU of Bag 0.597247

eval mIoU of Cap 0.716772

eval mIoU of Car 0.708281

eval mIoU of Chair 0.895357

eval mIoU of Earphone 0.516204

eval mIoU of Guitar 0.886226

eval mIoU of Knife 0.846052

eval mIoU of Lamp 0.774760

eval mIoU of Laptop 0.957532

eval mIoU of Motorbike 0.502452

eval mIoU of Mug 0.876498

eval mIoU of Pistol 0.824346

eval mIoU of Rocket 0.519025

eval mIoU of Skateboard 0.751954

eval mIoU of Table 0.845037

Epoch 99 test Accuracy: 0.934666 Class avg mIOU: 0.753210 Instance avg mIOU: 0.836965

epoch accuarcy: 0.9346661409592246

time consuming: 98s

mIOU: 0.8369652650111026

Best accuracy is: 0.93963

Best class avg mIOU is: 0.76385

Best instance avg mIOU is: 0.84579

Running Epoch: 100

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.41it/s]

eval mIoU of Airplane 0.850474

eval mIoU of Bag 0.756498

eval mIoU of Cap 0.662855

eval mIoU of Car 0.714746

eval mIoU of Chair 0.896799

eval mIoU of Earphone 0.597683

eval mIoU of Guitar 0.904726

eval mIoU of Knife 0.838444

eval mIoU of Lamp 0.766431

eval mIoU of Laptop 0.964518

eval mIoU of Motorbike 0.482533

eval mIoU of Mug 0.868691

eval mIoU of Pistol 0.805060

eval mIoU of Rocket 0.565424

eval mIoU of Skateboard 0.742163

eval mIoU of Table 0.851326

Epoch 100 test Accuracy: 0.938882 Class avg mIOU: 0.766773 Instance avg mIOU: 0.843476

epoch accuarcy: 0.9388815487132353

time consuming: 99s

mIOU: 0.8434757339217972

Best accuracy is: 0.93963

Best class avg mIOU is: 0.76677

Best instance avg mIOU is: 0.84579

Running Epoch: 101

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.45it/s]

eval mIoU of Airplane 0.853016

eval mIoU of Bag 0.738936

eval mIoU of Cap 0.762311

eval mIoU of Car 0.721387

eval mIoU of Chair 0.899865

eval mIoU of Earphone 0.490482

eval mIoU of Guitar 0.892184

eval mIoU of Knife 0.842599

eval mIoU of Lamp 0.768477

eval mIoU of Laptop 0.963370

eval mIoU of Motorbike 0.546899

eval mIoU of Mug 0.897564

eval mIoU of Pistol 0.813050

eval mIoU of Rocket 0.547051

eval mIoU of Skateboard 0.689254

eval mIoU of Table 0.847961

Epoch 101 test Accuracy: 0.938725 Class avg mIOU: 0.767150 Instance avg mIOU: 0.844184

epoch accuarcy: 0.9387251420454545

time consuming: 98s

mIOU: 0.8441838515722471

Best accuracy is: 0.93963

Best class avg mIOU is: 0.76715

Best instance avg mIOU is: 0.84579

Running Epoch: 102

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.42it/s]

eval mIoU of Airplane 0.854374

eval mIoU of Bag 0.740570

eval mIoU of Cap 0.792867

eval mIoU of Car 0.733007

eval mIoU of Chair 0.897597

eval mIoU of Earphone 0.531691

eval mIoU of Guitar 0.893994

eval mIoU of Knife 0.820664

eval mIoU of Lamp 0.765780

eval mIoU of Laptop 0.965879

eval mIoU of Motorbike 0.526755

eval mIoU of Mug 0.860325

eval mIoU of Pistol 0.846326

eval mIoU of Rocket 0.580323

eval mIoU of Skateboard 0.757393

eval mIoU of Table 0.846119

Epoch 102 test Accuracy: 0.939166 Class avg mIOU: 0.775854 Instance avg mIOU: 0.844274

epoch accuarcy: 0.9391656396223262

time consuming: 99s

mIOU: 0.8442743707419255

Best accuracy is: 0.93963

Best class avg mIOU is: 0.77585

Best instance avg mIOU is: 0.84579

Running Epoch: 103

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.42it/s]

eval mIoU of Airplane 0.857349

eval mIoU of Bag 0.766283

eval mIoU of Cap 0.653197

eval mIoU of Car 0.726397

eval mIoU of Chair 0.887166

eval mIoU of Earphone 0.571344

eval mIoU of Guitar 0.819008

eval mIoU of Knife 0.855364

eval mIoU of Lamp 0.775176

eval mIoU of Laptop 0.947361

eval mIoU of Motorbike 0.529759

eval mIoU of Mug 0.866388

eval mIoU of Pistol 0.826285

eval mIoU of Rocket 0.538144

eval mIoU of Skateboard 0.702950

eval mIoU of Table 0.843432

Epoch 103 test Accuracy: 0.937318 Class avg mIOU: 0.760350 Instance avg mIOU: 0.838380

epoch accuarcy: 0.9373182653743316

time consuming: 99s

mIOU: 0.8383797384300513

Best accuracy is: 0.93963

Best class avg mIOU is: 0.77585

Best instance avg mIOU is: 0.84579

Running Epoch: 104

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.43it/s]

eval mIoU of Airplane 0.844276

eval mIoU of Bag 0.712926

eval mIoU of Cap 0.674545

eval mIoU of Car 0.728105

eval mIoU of Chair 0.885267

eval mIoU of Earphone 0.501563

eval mIoU of Guitar 0.870049

eval mIoU of Knife 0.842815

eval mIoU of Lamp 0.766816

eval mIoU of Laptop 0.961742

eval mIoU of Motorbike 0.535956

eval mIoU of Mug 0.893315

eval mIoU of Pistol 0.761124

eval mIoU of Rocket 0.500252

eval mIoU of Skateboard 0.699311

eval mIoU of Table 0.849330

Epoch 104 test Accuracy: 0.935905 Class avg mIOU: 0.751712 Instance avg mIOU: 0.837451

epoch accuarcy: 0.9359048608790107

time consuming: 99s

mIOU: 0.8374505672871573

Best accuracy is: 0.93963

Best class avg mIOU is: 0.77585

Best instance avg mIOU is: 0.84579

Running Epoch: 105

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.40it/s]

eval mIoU of Airplane 0.858934

eval mIoU of Bag 0.724731

eval mIoU of Cap 0.538934

eval mIoU of Car 0.707667

eval mIoU of Chair 0.896905

eval mIoU of Earphone 0.511982

eval mIoU of Guitar 0.894293

eval mIoU of Knife 0.850429

eval mIoU of Lamp 0.751986

eval mIoU of Laptop 0.951463

eval mIoU of Motorbike 0.523112

eval mIoU of Mug 0.879121

eval mIoU of Pistol 0.826675

eval mIoU of Rocket 0.501019

eval mIoU of Skateboard 0.763682

eval mIoU of Table 0.844553

Epoch 105 test Accuracy: 0.938800 Class avg mIOU: 0.751593 Instance avg mIOU: 0.841363

epoch accuarcy: 0.9387995592413102

time consuming: 99s

mIOU: 0.8413630080418596

Best accuracy is: 0.93963

Best class avg mIOU is: 0.77585

Best instance avg mIOU is: 0.84579

Running Epoch: 106

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.41it/s]

eval mIoU of Airplane 0.854975

eval mIoU of Bag 0.679886

eval mIoU of Cap 0.778283

eval mIoU of Car 0.725177

eval mIoU of Chair 0.897886

eval mIoU of Earphone 0.533963

eval mIoU of Guitar 0.899513

eval mIoU of Knife 0.841682

eval mIoU of Lamp 0.765730

eval mIoU of Laptop 0.962939

eval mIoU of Motorbike 0.515336

eval mIoU of Mug 0.881753

eval mIoU of Pistol 0.840537

eval mIoU of Rocket 0.478056

eval mIoU of Skateboard 0.694266

eval mIoU of Table 0.847882

Epoch 106 test Accuracy: 0.938748 Class avg mIOU: 0.762367 Instance avg mIOU: 0.843924

epoch accuarcy: 0.9387475977606952

time consuming: 98s

mIOU: 0.8439238159819867

Best accuracy is: 0.93963

Best class avg mIOU is: 0.77585

Best instance avg mIOU is: 0.84579

Running Epoch: 107

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.45it/s]

eval mIoU of Airplane 0.851379

eval mIoU of Bag 0.673999

eval mIoU of Cap 0.443561

eval mIoU of Car 0.725206

eval mIoU of Chair 0.893646

eval mIoU of Earphone 0.613664

eval mIoU of Guitar 0.889282

eval mIoU of Knife 0.849655

eval mIoU of Lamp 0.763462

eval mIoU of Laptop 0.962939

eval mIoU of Motorbike 0.528837

eval mIoU of Mug 0.876360

eval mIoU of Pistol 0.835210

eval mIoU of Rocket 0.540137

eval mIoU of Skateboard 0.764126

eval mIoU of Table 0.833062

Epoch 107 test Accuracy: 0.935754 Class avg mIOU: 0.752783 Instance avg mIOU: 0.837382

epoch accuarcy: 0.9357536764705883

time consuming: 98s

mIOU: 0.8373818542026454

Best accuracy is: 0.93963

Best class avg mIOU is: 0.77585

Best instance avg mIOU is: 0.84579

Running Epoch: 108

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.42it/s]

eval mIoU of Airplane 0.856238

eval mIoU of Bag 0.768241

eval mIoU of Cap 0.563296

eval mIoU of Car 0.689636

eval mIoU of Chair 0.896773

eval mIoU of Earphone 0.493142

eval mIoU of Guitar 0.900070

eval mIoU of Knife 0.857261

eval mIoU of Lamp 0.776366

eval mIoU of Laptop 0.965390

eval mIoU of Motorbike 0.457266

eval mIoU of Mug 0.888846

eval mIoU of Pistol 0.816713

eval mIoU of Rocket 0.522296

eval mIoU of Skateboard 0.715724

eval mIoU of Table 0.844605

Epoch 108 test Accuracy: 0.939718 Class avg mIOU: 0.750741 Instance avg mIOU: 0.841472

epoch accuarcy: 0.939718415775401

time consuming: 98s

mIOU: 0.8414724548617897

Best accuracy is: 0.93972

Best class avg mIOU is: 0.77585

Best instance avg mIOU is: 0.84579

Running Epoch: 109

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.42it/s]

eval mIoU of Airplane 0.849088

eval mIoU of Bag 0.766659

eval mIoU of Cap 0.769918

eval mIoU of Car 0.709764

eval mIoU of Chair 0.897390

eval mIoU of Earphone 0.507067

eval mIoU of Guitar 0.897281

eval mIoU of Knife 0.846942

eval mIoU of Lamp 0.780007

eval mIoU of Laptop 0.956056

eval mIoU of Motorbike 0.518731

eval mIoU of Mug 0.912724

eval mIoU of Pistol 0.833762

eval mIoU of Rocket 0.524200

eval mIoU of Skateboard 0.729120

eval mIoU of Table 0.848615

Epoch 109 test Accuracy: 0.939128 Class avg mIOU: 0.771708 Instance avg mIOU: 0.844029

epoch accuarcy: 0.9391283004679144

time consuming: 99s

mIOU: 0.8440286784710409

Best accuracy is: 0.93972

Best class avg mIOU is: 0.77585

Best instance avg mIOU is: 0.84579

Running Epoch: 110

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.15it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.32it/s]

eval mIoU of Airplane 0.844743

eval mIoU of Bag 0.761940

eval mIoU of Cap 0.475249

eval mIoU of Car 0.724184

eval mIoU of Chair 0.895362

eval mIoU of Earphone 0.542522

eval mIoU of Guitar 0.902735

eval mIoU of Knife 0.836591

eval mIoU of Lamp 0.770743

eval mIoU of Laptop 0.950841

eval mIoU of Motorbike 0.542399

eval mIoU of Mug 0.829120

eval mIoU of Pistol 0.830412

eval mIoU of Rocket 0.562361

eval mIoU of Skateboard 0.728945

eval mIoU of Table 0.852465

Epoch 110 test Accuracy: 0.937451 Class avg mIOU: 0.753163 Instance avg mIOU: 0.842756

epoch accuarcy: 0.9374506496490642

time consuming: 99s

mIOU: 0.8427564234242201

Best accuracy is: 0.93972

Best class avg mIOU is: 0.77585

Best instance avg mIOU is: 0.84579

Running Epoch: 111

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.15it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.27it/s]

eval mIoU of Airplane 0.831722

eval mIoU of Bag 0.606080

eval mIoU of Cap 0.662231

eval mIoU of Car 0.680663

eval mIoU of Chair 0.890544

eval mIoU of Earphone 0.553327

eval mIoU of Guitar 0.879660

eval mIoU of Knife 0.851082

eval mIoU of Lamp 0.774246

eval mIoU of Laptop 0.959555

eval mIoU of Motorbike 0.490485

eval mIoU of Mug 0.890027

eval mIoU of Pistol 0.804322

eval mIoU of Rocket 0.439127

eval mIoU of Skateboard 0.759689

eval mIoU of Table 0.848458

Epoch 111 test Accuracy: 0.934246 Class avg mIOU: 0.745076 Instance avg mIOU: 0.834618

epoch accuarcy: 0.9342457490808823

time consuming: 99s

mIOU: 0.8346179648142552

Best accuracy is: 0.93972

Best class avg mIOU is: 0.77585

Best instance avg mIOU is: 0.84579

Running Epoch: 112

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.15it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.30it/s]

eval mIoU of Airplane 0.857019

eval mIoU of Bag 0.769508

eval mIoU of Cap 0.564115

eval mIoU of Car 0.722814

eval mIoU of Chair 0.878092

eval mIoU of Earphone 0.599214

eval mIoU of Guitar 0.882628

eval mIoU of Knife 0.858189

eval mIoU of Lamp 0.749429

eval mIoU of Laptop 0.963520

eval mIoU of Motorbike 0.512484

eval mIoU of Mug 0.891451

eval mIoU of Pistol 0.819860

eval mIoU of Rocket 0.571118

eval mIoU of Skateboard 0.732010

eval mIoU of Table 0.847952

Epoch 112 test Accuracy: 0.935804 Class avg mIOU: 0.763713 Instance avg mIOU: 0.838883

epoch accuarcy: 0.9358043323863636

time consuming: 99s

mIOU: 0.8388834946666494

Best accuracy is: 0.93972

Best class avg mIOU is: 0.77585

Best instance avg mIOU is: 0.84579

Running Epoch: 113

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.15it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.43it/s]

eval mIoU of Airplane 0.855946

eval mIoU of Bag 0.755491

eval mIoU of Cap 0.543736

eval mIoU of Car 0.685760

eval mIoU of Chair 0.898608

eval mIoU of Earphone 0.484428

eval mIoU of Guitar 0.888885

eval mIoU of Knife 0.852695

eval mIoU of Lamp 0.777948

eval mIoU of Laptop 0.951043

eval mIoU of Motorbike 0.490682

eval mIoU of Mug 0.895314

eval mIoU of Pistol 0.848842

eval mIoU of Rocket 0.438399

eval mIoU of Skateboard 0.678259

eval mIoU of Table 0.847812

Epoch 113 test Accuracy: 0.937748 Class avg mIOU: 0.743366 Instance avg mIOU: 0.842113

epoch accuarcy: 0.9377475350935829

time consuming: 99s

mIOU: 0.8421132865455545

Best accuracy is: 0.93972

Best class avg mIOU is: 0.77585

Best instance avg mIOU is: 0.84579

Running Epoch: 114

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.15it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.31it/s]

eval mIoU of Airplane 0.850764

eval mIoU of Bag 0.769386

eval mIoU of Cap 0.669884

eval mIoU of Car 0.710518

eval mIoU of Chair 0.887688

eval mIoU of Earphone 0.563890

eval mIoU of Guitar 0.890973

eval mIoU of Knife 0.821162

eval mIoU of Lamp 0.780942

eval mIoU of Laptop 0.952898

eval mIoU of Motorbike 0.528282

eval mIoU of Mug 0.898784

eval mIoU of Pistol 0.803642

eval mIoU of Rocket 0.504602

eval mIoU of Skateboard 0.724576

eval mIoU of Table 0.839301

Epoch 114 test Accuracy: 0.936238 Class avg mIOU: 0.762331 Instance avg mIOU: 0.838017

epoch accuarcy: 0.9362375188001337

time consuming: 99s

mIOU: 0.8380168587418442

Best accuracy is: 0.93972

Best class avg mIOU is: 0.77585

Best instance avg mIOU is: 0.84579

Running Epoch: 115

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.15it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.45it/s]

eval mIoU of Airplane 0.858100

eval mIoU of Bag 0.751911

eval mIoU of Cap 0.641864

eval mIoU of Car 0.719174

eval mIoU of Chair 0.899376

eval mIoU of Earphone 0.577617

eval mIoU of Guitar 0.891435

eval mIoU of Knife 0.839124

eval mIoU of Lamp 0.780237

eval mIoU of Laptop 0.962033

eval mIoU of Motorbike 0.551908

eval mIoU of Mug 0.880406

eval mIoU of Pistol 0.817854

eval mIoU of Rocket 0.601477

eval mIoU of Skateboard 0.742193

eval mIoU of Table 0.851246

Epoch 115 test Accuracy: 0.940490 Class avg mIOU: 0.772872 Instance avg mIOU: 0.847523

epoch accuarcy: 0.9404902657085561

time consuming: 99s

mIOU: 0.8475226213008623

epoch 115 will be saved.

Saving at log/checkpoints/best\_model.pth

Saving model....

Best accuracy is: 0.94049

Best class avg mIOU is: 0.77585

Best instance avg mIOU is: 0.84752

Running Epoch: 116

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.15it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.31it/s]

eval mIoU of Airplane 0.851836

eval mIoU of Bag 0.749122

eval mIoU of Cap 0.755044

eval mIoU of Car 0.675836

eval mIoU of Chair 0.891864

eval mIoU of Earphone 0.545617

eval mIoU of Guitar 0.879328

eval mIoU of Knife 0.847846

eval mIoU of Lamp 0.761905

eval mIoU of Laptop 0.960951

eval mIoU of Motorbike 0.490284

eval mIoU of Mug 0.857636

eval mIoU of Pistol 0.845455

eval mIoU of Rocket 0.546886

eval mIoU of Skateboard 0.720146

eval mIoU of Table 0.841336

Epoch 116 test Accuracy: 0.934883 Class avg mIOU: 0.763818 Instance avg mIOU: 0.837029

epoch accuarcy: 0.9348828647225936

time consuming: 99s

mIOU: 0.8370286164927616

Best accuracy is: 0.94049

Best class avg mIOU is: 0.77585

Best instance avg mIOU is: 0.84752

Running Epoch: 117

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.38it/s]

eval mIoU of Airplane 0.852934

eval mIoU of Bag 0.769350

eval mIoU of Cap 0.710293

eval mIoU of Car 0.722995

eval mIoU of Chair 0.897041

eval mIoU of Earphone 0.571552

eval mIoU of Guitar 0.894978

eval mIoU of Knife 0.850489

eval mIoU of Lamp 0.757830

eval mIoU of Laptop 0.955352

eval mIoU of Motorbike 0.507487

eval mIoU of Mug 0.888049

eval mIoU of Pistol 0.848689

eval mIoU of Rocket 0.504758

eval mIoU of Skateboard 0.695545

eval mIoU of Table 0.840608

Epoch 117 test Accuracy: 0.936157 Class avg mIOU: 0.766747 Instance avg mIOU: 0.840651

epoch accuarcy: 0.9361568348930481

time consuming: 99s

mIOU: 0.8406508623233644

Best accuracy is: 0.94049

Best class avg mIOU is: 0.77585

Best instance avg mIOU is: 0.84752

Running Epoch: 118

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.46it/s]

eval mIoU of Airplane 0.847970

eval mIoU of Bag 0.756829

eval mIoU of Cap 0.722117

eval mIoU of Car 0.728132

eval mIoU of Chair 0.891800

eval mIoU of Earphone 0.556732

eval mIoU of Guitar 0.881658

eval mIoU of Knife 0.849583

eval mIoU of Lamp 0.748610

eval mIoU of Laptop 0.960655

eval mIoU of Motorbike 0.508920

eval mIoU of Mug 0.897012

eval mIoU of Pistol 0.742230

eval mIoU of Rocket 0.545270

eval mIoU of Skateboard 0.731394

eval mIoU of Table 0.848271

Epoch 118 test Accuracy: 0.935100 Class avg mIOU: 0.763574 Instance avg mIOU: 0.838762

epoch accuarcy: 0.9350995884859625

time consuming: 98s

mIOU: 0.8387623303570056

Best accuracy is: 0.94049

Best class avg mIOU is: 0.77585

Best instance avg mIOU is: 0.84752

Running Epoch: 119

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.48it/s]

eval mIoU of Airplane 0.857624

eval mIoU of Bag 0.734469

eval mIoU of Cap 0.566619

eval mIoU of Car 0.689841

eval mIoU of Chair 0.898738

eval mIoU of Earphone 0.543547

eval mIoU of Guitar 0.890630

eval mIoU of Knife 0.836646

eval mIoU of Lamp 0.775475

eval mIoU of Laptop 0.965318

eval mIoU of Motorbike 0.494216

eval mIoU of Mug 0.871106

eval mIoU of Pistol 0.843296

eval mIoU of Rocket 0.571205

eval mIoU of Skateboard 0.781690

eval mIoU of Table 0.830948

Epoch 119 test Accuracy: 0.936652 Class avg mIOU: 0.759461 Instance avg mIOU: 0.838597

epoch accuarcy: 0.936651643967246

time consuming: 98s

mIOU: 0.8385967726350669

Best accuracy is: 0.94049

Best class avg mIOU is: 0.77585

Best instance avg mIOU is: 0.84752

Running Epoch: 120

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.15it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.44it/s]

eval mIoU of Airplane 0.842612

eval mIoU of Bag 0.761694

eval mIoU of Cap 0.661539

eval mIoU of Car 0.721046

eval mIoU of Chair 0.896806

eval mIoU of Earphone 0.562248

eval mIoU of Guitar 0.884695

eval mIoU of Knife 0.844004

eval mIoU of Lamp 0.767828

eval mIoU of Laptop 0.945815

eval mIoU of Motorbike 0.493684

eval mIoU of Mug 0.920950

eval mIoU of Pistol 0.837194

eval mIoU of Rocket 0.579399

eval mIoU of Skateboard 0.723401

eval mIoU of Table 0.846170

Epoch 120 test Accuracy: 0.935538 Class avg mIOU: 0.768068 Instance avg mIOU: 0.840352

epoch accuarcy: 0.9355379971590909

time consuming: 98s

mIOU: 0.8403520352383387

Best accuracy is: 0.94049

Best class avg mIOU is: 0.77585

Best instance avg mIOU is: 0.84752

Running Epoch: 121

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.15it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.43it/s]

eval mIoU of Airplane 0.855153

eval mIoU of Bag 0.736626

eval mIoU of Cap 0.731597

eval mIoU of Car 0.714929

eval mIoU of Chair 0.888185

eval mIoU of Earphone 0.528407

eval mIoU of Guitar 0.904097

eval mIoU of Knife 0.850900

eval mIoU of Lamp 0.762978

eval mIoU of Laptop 0.964381

eval mIoU of Motorbike 0.492877

eval mIoU of Mug 0.898314

eval mIoU of Pistol 0.785061

eval mIoU of Rocket 0.534778

eval mIoU of Skateboard 0.726229

eval mIoU of Table 0.833746

Epoch 121 test Accuracy: 0.937526 Class avg mIOU: 0.763016 Instance avg mIOU: 0.836744

epoch accuarcy: 0.9375258501838235

time consuming: 99s

mIOU: 0.8367438046156711

Best accuracy is: 0.94049

Best class avg mIOU is: 0.77585

Best instance avg mIOU is: 0.84752

Running Epoch: 122

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.15it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.36it/s]

eval mIoU of Airplane 0.859267

eval mIoU of Bag 0.708966

eval mIoU of Cap 0.586580

eval mIoU of Car 0.713912

eval mIoU of Chair 0.899960

eval mIoU of Earphone 0.556520

eval mIoU of Guitar 0.888780

eval mIoU of Knife 0.830417

eval mIoU of Lamp 0.781189

eval mIoU of Laptop 0.954697

eval mIoU of Motorbike 0.547448

eval mIoU of Mug 0.902941

eval mIoU of Pistol 0.851544

eval mIoU of Rocket 0.578686

eval mIoU of Skateboard 0.706164

eval mIoU of Table 0.842132

Epoch 122 test Accuracy: 0.940609 Class avg mIOU: 0.763075 Instance avg mIOU: 0.844308

epoch accuarcy: 0.9406093332219251

time consuming: 98s

mIOU: 0.8443084068710872

Best accuracy is: 0.94061

Best class avg mIOU is: 0.77585

Best instance avg mIOU is: 0.84752

Running Epoch: 123

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.45it/s]

eval mIoU of Airplane 0.856578

eval mIoU of Bag 0.763285

eval mIoU of Cap 0.597219

eval mIoU of Car 0.724658

eval mIoU of Chair 0.899226

eval mIoU of Earphone 0.462966

eval mIoU of Guitar 0.902368

eval mIoU of Knife 0.861746

eval mIoU of Lamp 0.775905

eval mIoU of Laptop 0.966823

eval mIoU of Motorbike 0.503397

eval mIoU of Mug 0.821181

eval mIoU of Pistol 0.815168

eval mIoU of Rocket 0.578925

eval mIoU of Skateboard 0.756499

eval mIoU of Table 0.848238

Epoch 123 test Accuracy: 0.939077 Class avg mIOU: 0.758386 Instance avg mIOU: 0.845480

epoch accuarcy: 0.9390773834391711

time consuming: 98s

mIOU: 0.8454803539807224

Best accuracy is: 0.94061

Best class avg mIOU is: 0.77585

Best instance avg mIOU is: 0.84752

Running Epoch: 124

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.15it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.45it/s]

eval mIoU of Airplane 0.853922

eval mIoU of Bag 0.779320

eval mIoU of Cap 0.685796

eval mIoU of Car 0.722574

eval mIoU of Chair 0.891229

eval mIoU of Earphone 0.492510

eval mIoU of Guitar 0.898070

eval mIoU of Knife 0.789470

eval mIoU of Lamp 0.780069

eval mIoU of Laptop 0.953188

eval mIoU of Motorbike 0.517005

eval mIoU of Mug 0.894558

eval mIoU of Pistol 0.845780

eval mIoU of Rocket 0.627767

eval mIoU of Skateboard 0.759509

eval mIoU of Table 0.845533

Epoch 124 test Accuracy: 0.938390 Class avg mIOU: 0.771019 Instance avg mIOU: 0.842698

epoch accuarcy: 0.9383896118816845

time consuming: 99s

mIOU: 0.8426979181244773

Best accuracy is: 0.94061

Best class avg mIOU is: 0.77585

Best instance avg mIOU is: 0.84752

Running Epoch: 125

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.15it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.46it/s]

eval mIoU of Airplane 0.857227

eval mIoU of Bag 0.692581

eval mIoU of Cap 0.642947

eval mIoU of Car 0.729231

eval mIoU of Chair 0.893691

eval mIoU of Earphone 0.527468

eval mIoU of Guitar 0.876670

eval mIoU of Knife 0.793572

eval mIoU of Lamp 0.791163

eval mIoU of Laptop 0.964609

eval mIoU of Motorbike 0.474391

eval mIoU of Mug 0.860484

eval mIoU of Pistol 0.838518

eval mIoU of Rocket 0.586729

eval mIoU of Skateboard 0.694844

eval mIoU of Table 0.842854

Epoch 125 test Accuracy: 0.937109 Class avg mIOU: 0.754186 Instance avg mIOU: 0.841589

epoch accuarcy: 0.937109375

time consuming: 99s

mIOU: 0.8415890095485294

Best accuracy is: 0.94061

Best class avg mIOU is: 0.77585

Best instance avg mIOU is: 0.84752

Running Epoch: 126

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.15it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.48it/s]

eval mIoU of Airplane 0.856830

eval mIoU of Bag 0.706073

eval mIoU of Cap 0.642049

eval mIoU of Car 0.689777

eval mIoU of Chair 0.899028

eval mIoU of Earphone 0.466951

eval mIoU of Guitar 0.889723

eval mIoU of Knife 0.827980

eval mIoU of Lamp 0.758673

eval mIoU of Laptop 0.963432

eval mIoU of Motorbike 0.499522

eval mIoU of Mug 0.903183

eval mIoU of Pistol 0.840200

eval mIoU of Rocket 0.558981

eval mIoU of Skateboard 0.736579

eval mIoU of Table 0.844283

Epoch 126 test Accuracy: 0.937488 Class avg mIOU: 0.755204 Instance avg mIOU: 0.840872

epoch accuarcy: 0.9374882499164439

time consuming: 99s

mIOU: 0.8408718011021243

Best accuracy is: 0.94061

Best class avg mIOU is: 0.77585

Best instance avg mIOU is: 0.84752

Running Epoch: 127

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.14it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.45it/s]

eval mIoU of Airplane 0.853813

eval mIoU of Bag 0.732938

eval mIoU of Cap 0.570926

eval mIoU of Car 0.704545

eval mIoU of Chair 0.893461

eval mIoU of Earphone 0.476674

eval mIoU of Guitar 0.898998

eval mIoU of Knife 0.831345

eval mIoU of Lamp 0.760371

eval mIoU of Laptop 0.953386

eval mIoU of Motorbike 0.541169

eval mIoU of Mug 0.890137

eval mIoU of Pistol 0.790817

eval mIoU of Rocket 0.527576

eval mIoU of Skateboard 0.760607

eval mIoU of Table 0.844022

Epoch 127 test Accuracy: 0.936033 Class avg mIOU: 0.751924 Instance avg mIOU: 0.839653

epoch accuarcy: 0.9360328062332888

time consuming: 99s

mIOU: 0.8396526938838135

Best accuracy is: 0.94061

Best class avg mIOU is: 0.77585

Best instance avg mIOU is: 0.84752

Running Epoch: 128

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.13it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.46it/s]

eval mIoU of Airplane 0.857502

eval mIoU of Bag 0.744927

eval mIoU of Cap 0.519058

eval mIoU of Car 0.707441

eval mIoU of Chair 0.899899

eval mIoU of Earphone 0.516785

eval mIoU of Guitar 0.901173

eval mIoU of Knife 0.835289

eval mIoU of Lamp 0.763758

eval mIoU of Laptop 0.965831

eval mIoU of Motorbike 0.542183

eval mIoU of Mug 0.906752

eval mIoU of Pistol 0.834464

eval mIoU of Rocket 0.472669

eval mIoU of Skateboard 0.759754

eval mIoU of Table 0.846897

Epoch 128 test Accuracy: 0.939507 Class avg mIOU: 0.754649 Instance avg mIOU: 0.844189

epoch accuarcy: 0.9395074364973262

time consuming: 99s

mIOU: 0.8441892231602214

Best accuracy is: 0.94061

Best class avg mIOU is: 0.77585

Best instance avg mIOU is: 0.84752

Running Epoch: 129

100%|█████████████████████████████████████████| 380/380 [01:32<00:00, 4.13it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.44it/s]

eval mIoU of Airplane 0.853735

eval mIoU of Bag 0.738078

eval mIoU of Cap 0.583498

eval mIoU of Car 0.710672

eval mIoU of Chair 0.898265

eval mIoU of Earphone 0.549357

eval mIoU of Guitar 0.892936

eval mIoU of Knife 0.851588

eval mIoU of Lamp 0.767281

eval mIoU of Laptop 0.962694

eval mIoU of Motorbike 0.533942

eval mIoU of Mug 0.910870

eval mIoU of Pistol 0.746490

eval mIoU of Rocket 0.443752

eval mIoU of Skateboard 0.735138

eval mIoU of Table 0.843226

Epoch 129 test Accuracy: 0.938185 Class avg mIOU: 0.751345 Instance avg mIOU: 0.840634

epoch accuarcy: 0.9381848993148396

time consuming: 99s

mIOU: 0.8406340668138219

Best accuracy is: 0.94061

Best class avg mIOU is: 0.77585

Best instance avg mIOU is: 0.84752

Running Epoch: 130

100%|█████████████████████████████████████████| 380/380 [01:32<00:00, 4.12it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.46it/s]

eval mIoU of Airplane 0.859309

eval mIoU of Bag 0.766883

eval mIoU of Cap 0.592207

eval mIoU of Car 0.711816

eval mIoU of Chair 0.896459

eval mIoU of Earphone 0.500258

eval mIoU of Guitar 0.895893

eval mIoU of Knife 0.846118

eval mIoU of Lamp 0.774151

eval mIoU of Laptop 0.963980

eval mIoU of Motorbike 0.514434

eval mIoU of Mug 0.892088

eval mIoU of Pistol 0.847972

eval mIoU of Rocket 0.540121

eval mIoU of Skateboard 0.778020

eval mIoU of Table 0.842959

Epoch 130 test Accuracy: 0.938931 Class avg mIOU: 0.763917 Instance avg mIOU: 0.843901

epoch accuarcy: 0.938931421290107

time consuming: 99s

mIOU: 0.843900636408715

Best accuracy is: 0.94061

Best class avg mIOU is: 0.77585

Best instance avg mIOU is: 0.84752

Running Epoch: 131

100%|█████████████████████████████████████████| 380/380 [01:32<00:00, 4.12it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.45it/s]

eval mIoU of Airplane 0.854807

eval mIoU of Bag 0.700868

eval mIoU of Cap 0.596581

eval mIoU of Car 0.683616

eval mIoU of Chair 0.883293

eval mIoU of Earphone 0.519093

eval mIoU of Guitar 0.894636

eval mIoU of Knife 0.848440

eval mIoU of Lamp 0.771480

eval mIoU of Laptop 0.948708

eval mIoU of Motorbike 0.538226

eval mIoU of Mug 0.897964

eval mIoU of Pistol 0.823101

eval mIoU of Rocket 0.516867

eval mIoU of Skateboard 0.740113

eval mIoU of Table 0.847231

Epoch 131 test Accuracy: 0.935470 Class avg mIOU: 0.754064 Instance avg mIOU: 0.839089

epoch accuarcy: 0.9354701077874331

time consuming: 99s

mIOU: 0.8390885007831428

Best accuracy is: 0.94061

Best class avg mIOU is: 0.77585

Best instance avg mIOU is: 0.84752

Running Epoch: 132

100%|█████████████████████████████████████████| 380/380 [01:32<00:00, 4.12it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.44it/s]

eval mIoU of Airplane 0.856299

eval mIoU of Bag 0.776106

eval mIoU of Cap 0.568948

eval mIoU of Car 0.726411

eval mIoU of Chair 0.896996

eval mIoU of Earphone 0.525242

eval mIoU of Guitar 0.905102

eval mIoU of Knife 0.850590

eval mIoU of Lamp 0.769955

eval mIoU of Laptop 0.962685

eval mIoU of Motorbike 0.560460

eval mIoU of Mug 0.888642

eval mIoU of Pistol 0.839909

eval mIoU of Rocket 0.509684

eval mIoU of Skateboard 0.717371

eval mIoU of Table 0.841603

Epoch 132 test Accuracy: 0.939343 Class avg mIOU: 0.762250 Instance avg mIOU: 0.843629

epoch accuarcy: 0.9393426742145722

time consuming: 99s

mIOU: 0.8436290288428085

Best accuracy is: 0.94061

Best class avg mIOU is: 0.77585

Best instance avg mIOU is: 0.84752

Running Epoch: 133

100%|█████████████████████████████████████████| 380/380 [01:32<00:00, 4.13it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.45it/s]

eval mIoU of Airplane 0.851148

eval mIoU of Bag 0.776490

eval mIoU of Cap 0.450178

eval mIoU of Car 0.708772

eval mIoU of Chair 0.895382

eval mIoU of Earphone 0.556948

eval mIoU of Guitar 0.892601

eval mIoU of Knife 0.831100

eval mIoU of Lamp 0.767152

eval mIoU of Laptop 0.957950

eval mIoU of Motorbike 0.515652

eval mIoU of Mug 0.905464

eval mIoU of Pistol 0.840893

eval mIoU of Rocket 0.587116

eval mIoU of Skateboard 0.668575

eval mIoU of Table 0.842945

Epoch 133 test Accuracy: 0.936510 Class avg mIOU: 0.753023 Instance avg mIOU: 0.839918

epoch accuarcy: 0.9365103818516043

time consuming: 99s

mIOU: 0.8399184013634744

Best accuracy is: 0.94061

Best class avg mIOU is: 0.77585

Best instance avg mIOU is: 0.84752

Running Epoch: 134

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.13it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.46it/s]

eval mIoU of Airplane 0.832234

eval mIoU of Bag 0.764331

eval mIoU of Cap 0.712847

eval mIoU of Car 0.724270

eval mIoU of Chair 0.894163

eval mIoU of Earphone 0.470380

eval mIoU of Guitar 0.901123

eval mIoU of Knife 0.847064

eval mIoU of Lamp 0.780634

eval mIoU of Laptop 0.966175

eval mIoU of Motorbike 0.492629

eval mIoU of Mug 0.860416

eval mIoU of Pistol 0.828218

eval mIoU of Rocket 0.513405

eval mIoU of Skateboard 0.724390

eval mIoU of Table 0.844944

Epoch 134 test Accuracy: 0.937371 Class avg mIOU: 0.759826 Instance avg mIOU: 0.838480

epoch accuarcy: 0.9373707490808824

time consuming: 99s

mIOU: 0.8384803721667112

Best accuracy is: 0.94061

Best class avg mIOU is: 0.77585

Best instance avg mIOU is: 0.84752

Running Epoch: 135

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.13it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.47it/s]

eval mIoU of Airplane 0.852237

eval mIoU of Bag 0.761483

eval mIoU of Cap 0.729624

eval mIoU of Car 0.699896

eval mIoU of Chair 0.899669

eval mIoU of Earphone 0.598771

eval mIoU of Guitar 0.908330

eval mIoU of Knife 0.837882

eval mIoU of Lamp 0.783808

eval mIoU of Laptop 0.958936

eval mIoU of Motorbike 0.538783

eval mIoU of Mug 0.897838

eval mIoU of Pistol 0.842792

eval mIoU of Rocket 0.569574

eval mIoU of Skateboard 0.767805

eval mIoU of Table 0.842162

Epoch 135 test Accuracy: 0.938440 Class avg mIOU: 0.780599 Instance avg mIOU: 0.844328

epoch accuarcy: 0.938440006684492

time consuming: 99s

mIOU: 0.8443282673984605

Best accuracy is: 0.94061

Best class avg mIOU is: 0.78060

Best instance avg mIOU is: 0.84752

Running Epoch: 136

100%|█████████████████████████████████████████| 380/380 [01:32<00:00, 4.12it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.43it/s]

eval mIoU of Airplane 0.858472

eval mIoU of Bag 0.764155

eval mIoU of Cap 0.610447

eval mIoU of Car 0.657084

eval mIoU of Chair 0.900223

eval mIoU of Earphone 0.512571

eval mIoU of Guitar 0.905181

eval mIoU of Knife 0.861257

eval mIoU of Lamp 0.764306

eval mIoU of Laptop 0.962220

eval mIoU of Motorbike 0.477298

eval mIoU of Mug 0.883721

eval mIoU of Pistol 0.843877

eval mIoU of Rocket 0.554484

eval mIoU of Skateboard 0.733610

eval mIoU of Table 0.848728

Epoch 136 test Accuracy: 0.938431 Class avg mIOU: 0.758602 Instance avg mIOU: 0.842971

epoch accuarcy: 0.9384313899565508

time consuming: 99s

mIOU: 0.8429705258439657

Best accuracy is: 0.94061

Best class avg mIOU is: 0.78060

Best instance avg mIOU is: 0.84752

Running Epoch: 137

100%|█████████████████████████████████████████| 380/380 [01:32<00:00, 4.11it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.45it/s]

eval mIoU of Airplane 0.854867

eval mIoU of Bag 0.766132

eval mIoU of Cap 0.759241

eval mIoU of Car 0.737962

eval mIoU of Chair 0.886458

eval mIoU of Earphone 0.568563

eval mIoU of Guitar 0.897136

eval mIoU of Knife 0.862268

eval mIoU of Lamp 0.766189

eval mIoU of Laptop 0.962963

eval mIoU of Motorbike 0.520485

eval mIoU of Mug 0.861104

eval mIoU of Pistol 0.791103

eval mIoU of Rocket 0.539119

eval mIoU of Skateboard 0.740854

eval mIoU of Table 0.846675

Epoch 137 test Accuracy: 0.936966 Class avg mIOU: 0.772570 Instance avg mIOU: 0.842143

epoch accuarcy: 0.9369657628676471

time consuming: 99s

mIOU: 0.8421426665797993

Best accuracy is: 0.94061

Best class avg mIOU is: 0.78060

Best instance avg mIOU is: 0.84752

Running Epoch: 138

100%|█████████████████████████████████████████| 380/380 [01:32<00:00, 4.10it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.42it/s]

eval mIoU of Airplane 0.856669

eval mIoU of Bag 0.800164

eval mIoU of Cap 0.802323

eval mIoU of Car 0.712599

eval mIoU of Chair 0.893330

eval mIoU of Earphone 0.526984

eval mIoU of Guitar 0.906121

eval mIoU of Knife 0.843743

eval mIoU of Lamp 0.767462

eval mIoU of Laptop 0.961072

eval mIoU of Motorbike 0.521595

eval mIoU of Mug 0.804028

eval mIoU of Pistol 0.816202

eval mIoU of Rocket 0.521470

eval mIoU of Skateboard 0.738222

eval mIoU of Table 0.832770

Epoch 138 test Accuracy: 0.936996 Class avg mIOU: 0.769047 Instance avg mIOU: 0.838546

epoch accuarcy: 0.9369963130848931

time consuming: 100s

mIOU: 0.8385455299371062

Best accuracy is: 0.94061

Best class avg mIOU is: 0.78060

Best instance avg mIOU is: 0.84752

Running Epoch: 139

100%|█████████████████████████████████████████| 380/380 [01:32<00:00, 4.09it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.44it/s]

eval mIoU of Airplane 0.857597

eval mIoU of Bag 0.758577

eval mIoU of Cap 0.568160

eval mIoU of Car 0.690454

eval mIoU of Chair 0.894782

eval mIoU of Earphone 0.593318

eval mIoU of Guitar 0.909156

eval mIoU of Knife 0.833991

eval mIoU of Lamp 0.767406

eval mIoU of Laptop 0.962885

eval mIoU of Motorbike 0.484656

eval mIoU of Mug 0.921439

eval mIoU of Pistol 0.826532

eval mIoU of Rocket 0.451682

eval mIoU of Skateboard 0.778058

eval mIoU of Table 0.842484

Epoch 139 test Accuracy: 0.937872 Class avg mIOU: 0.758824 Instance avg mIOU: 0.841211

epoch accuarcy: 0.9378715637533422

time consuming: 100s

mIOU: 0.8412111408986913

Best accuracy is: 0.94061

Best class avg mIOU is: 0.78060

Best instance avg mIOU is: 0.84752

Running Epoch: 140

100%|█████████████████████████████████████████| 380/380 [01:32<00:00, 4.09it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.36it/s]

eval mIoU of Airplane 0.842362

eval mIoU of Bag 0.771844

eval mIoU of Cap 0.508331

eval mIoU of Car 0.719015

eval mIoU of Chair 0.897865

eval mIoU of Earphone 0.539981

eval mIoU of Guitar 0.885969

eval mIoU of Knife 0.818449

eval mIoU of Lamp 0.783700

eval mIoU of Laptop 0.962213

eval mIoU of Motorbike 0.520676

eval mIoU of Mug 0.878728

eval mIoU of Pistol 0.833842

eval mIoU of Rocket 0.522415

eval mIoU of Skateboard 0.695539

eval mIoU of Table 0.851010

Epoch 140 test Accuracy: 0.937628 Class avg mIOU: 0.751996 Instance avg mIOU: 0.842188

epoch accuarcy: 0.9376284675802139

time consuming: 100s

mIOU: 0.8421877677799131

Best accuracy is: 0.94061

Best class avg mIOU is: 0.78060

Best instance avg mIOU is: 0.84752

Running Epoch: 141

100%|█████████████████████████████████████████| 380/380 [01:32<00:00, 4.09it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.42it/s]

eval mIoU of Airplane 0.857701

eval mIoU of Bag 0.743997

eval mIoU of Cap 0.581984

eval mIoU of Car 0.732128

eval mIoU of Chair 0.896497

eval mIoU of Earphone 0.492828

eval mIoU of Guitar 0.870183

eval mIoU of Knife 0.830518

eval mIoU of Lamp 0.761690

eval mIoU of Laptop 0.965539

eval mIoU of Motorbike 0.479659

eval mIoU of Mug 0.863970

eval mIoU of Pistol 0.773412

eval mIoU of Rocket 0.520797

eval mIoU of Skateboard 0.671662

eval mIoU of Table 0.847374

Epoch 141 test Accuracy: 0.936844 Class avg mIOU: 0.743121 Instance avg mIOU: 0.840555

epoch accuarcy: 0.9368443453375669

time consuming: 100s

mIOU: 0.8405547508319402

Best accuracy is: 0.94061

Best class avg mIOU is: 0.78060

Best instance avg mIOU is: 0.84752

Running Epoch: 142

100%|█████████████████████████████████████████| 380/380 [01:33<00:00, 4.08it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.42it/s]

eval mIoU of Airplane 0.848560

eval mIoU of Bag 0.691001

eval mIoU of Cap 0.568384

eval mIoU of Car 0.730917

eval mIoU of Chair 0.896618

eval mIoU of Earphone 0.535341

eval mIoU of Guitar 0.897398

eval mIoU of Knife 0.835430

eval mIoU of Lamp 0.771709

eval mIoU of Laptop 0.961482

eval mIoU of Motorbike 0.515472

eval mIoU of Mug 0.871798

eval mIoU of Pistol 0.851647

eval mIoU of Rocket 0.520488

eval mIoU of Skateboard 0.764674

eval mIoU of Table 0.848028

Epoch 142 test Accuracy: 0.938348 Class avg mIOU: 0.756809 Instance avg mIOU: 0.843158

epoch accuarcy: 0.9383480949197861

time consuming: 100s

mIOU: 0.8431582571056633

Best accuracy is: 0.94061

Best class avg mIOU is: 0.78060

Best instance avg mIOU is: 0.84752

Running Epoch: 143

100%|█████████████████████████████████████████| 380/380 [01:32<00:00, 4.10it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.43it/s]

eval mIoU of Airplane 0.847736

eval mIoU of Bag 0.782573

eval mIoU of Cap 0.750841

eval mIoU of Car 0.722421

eval mIoU of Chair 0.895416

eval mIoU of Earphone 0.536532

eval mIoU of Guitar 0.906502

eval mIoU of Knife 0.844407

eval mIoU of Lamp 0.763665

eval mIoU of Laptop 0.963162

eval mIoU of Motorbike 0.528323

eval mIoU of Mug 0.900522

eval mIoU of Pistol 0.844390

eval mIoU of Rocket 0.487215

eval mIoU of Skateboard 0.762512

eval mIoU of Table 0.846908

Epoch 143 test Accuracy: 0.938090 Class avg mIOU: 0.773945 Instance avg mIOU: 0.843015

epoch accuarcy: 0.9380898541945187

time consuming: 100s

mIOU: 0.8430147626371761

Best accuracy is: 0.94061

Best class avg mIOU is: 0.78060

Best instance avg mIOU is: 0.84752

Running Epoch: 144

100%|█████████████████████████████████████████| 380/380 [01:32<00:00, 4.12it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.43it/s]

eval mIoU of Airplane 0.855307

eval mIoU of Bag 0.767839

eval mIoU of Cap 0.608882

eval mIoU of Car 0.724574

eval mIoU of Chair 0.890334

eval mIoU of Earphone 0.539806

eval mIoU of Guitar 0.902264

eval mIoU of Knife 0.853173

eval mIoU of Lamp 0.774017

eval mIoU of Laptop 0.962783

eval mIoU of Motorbike 0.522906

eval mIoU of Mug 0.857851

eval mIoU of Pistol 0.828370

eval mIoU of Rocket 0.567799

eval mIoU of Skateboard 0.734084

eval mIoU of Table 0.844944

Epoch 144 test Accuracy: 0.939593 Class avg mIOU: 0.764683 Instance avg mIOU: 0.842755

epoch accuarcy: 0.9395930815508021

time consuming: 99s

mIOU: 0.842754803373973

Best accuracy is: 0.94061

Best class avg mIOU is: 0.78060

Best instance avg mIOU is: 0.84752

Running Epoch: 145

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.13it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.44it/s]

eval mIoU of Airplane 0.858975

eval mIoU of Bag 0.765817

eval mIoU of Cap 0.661201

eval mIoU of Car 0.705701

eval mIoU of Chair 0.886069

eval mIoU of Earphone 0.542856

eval mIoU of Guitar 0.900868

eval mIoU of Knife 0.825413

eval mIoU of Lamp 0.777089

eval mIoU of Laptop 0.956823

eval mIoU of Motorbike 0.531120

eval mIoU of Mug 0.907193

eval mIoU of Pistol 0.823940

eval mIoU of Rocket 0.549791

eval mIoU of Skateboard 0.735651

eval mIoU of Table 0.841302

Epoch 145 test Accuracy: 0.937356 Class avg mIOU: 0.766863 Instance avg mIOU: 0.840714

epoch accuarcy: 0.9373556045287433

time consuming: 99s

mIOU: 0.8407144050980564

Best accuracy is: 0.94061

Best class avg mIOU is: 0.78060

Best instance avg mIOU is: 0.84752

Running Epoch: 146

100%|█████████████████████████████████████████| 380/380 [01:32<00:00, 4.13it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.46it/s]

eval mIoU of Airplane 0.858901

eval mIoU of Bag 0.744897

eval mIoU of Cap 0.649369

eval mIoU of Car 0.729222

eval mIoU of Chair 0.900656

eval mIoU of Earphone 0.524301

eval mIoU of Guitar 0.881065

eval mIoU of Knife 0.860190

eval mIoU of Lamp 0.792447

eval mIoU of Laptop 0.964165

eval mIoU of Motorbike 0.519575

eval mIoU of Mug 0.900625

eval mIoU of Pistol 0.819374

eval mIoU of Rocket 0.445326

eval mIoU of Skateboard 0.744851

eval mIoU of Table 0.844370

Epoch 146 test Accuracy: 0.940264 Class avg mIOU: 0.761208 Instance avg mIOU: 0.846100

epoch accuarcy: 0.9402641418783423

time consuming: 99s

mIOU: 0.8460998805907456

Best accuracy is: 0.94061

Best class avg mIOU is: 0.78060

Best instance avg mIOU is: 0.84752

Running Epoch: 147

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.13it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.46it/s]

eval mIoU of Airplane 0.860111

eval mIoU of Bag 0.738145

eval mIoU of Cap 0.682469

eval mIoU of Car 0.723472

eval mIoU of Chair 0.896058

eval mIoU of Earphone 0.536355

eval mIoU of Guitar 0.898003

eval mIoU of Knife 0.842115

eval mIoU of Lamp 0.792270

eval mIoU of Laptop 0.960702

eval mIoU of Motorbike 0.518361

eval mIoU of Mug 0.894830

eval mIoU of Pistol 0.836726

eval mIoU of Rocket 0.559547

eval mIoU of Skateboard 0.733530

eval mIoU of Table 0.849547

Epoch 147 test Accuracy: 0.940019 Class avg mIOU: 0.770140 Instance avg mIOU: 0.847739

epoch accuarcy: 0.9400189568014706

time consuming: 99s

mIOU: 0.8477393762462149

epoch 147 will be saved.

Saving at log/checkpoints/best\_model.pth

Saving model....

Best accuracy is: 0.94061

Best class avg mIOU is: 0.78060

Best instance avg mIOU is: 0.84774

Running Epoch: 148

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.14it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.45it/s]

eval mIoU of Airplane 0.853439

eval mIoU of Bag 0.731890

eval mIoU of Cap 0.701059

eval mIoU of Car 0.704147

eval mIoU of Chair 0.897672

eval mIoU of Earphone 0.668078

eval mIoU of Guitar 0.889336

eval mIoU of Knife 0.867073

eval mIoU of Lamp 0.777196

eval mIoU of Laptop 0.916077

eval mIoU of Motorbike 0.475937

eval mIoU of Mug 0.888153

eval mIoU of Pistol 0.834971

eval mIoU of Rocket 0.480068

eval mIoU of Skateboard 0.715785

eval mIoU of Table 0.836059

Epoch 148 test Accuracy: 0.937340 Class avg mIOU: 0.764809 Instance avg mIOU: 0.838799

epoch accuarcy: 0.9373401988636364

time consuming: 99s

mIOU: 0.8387988187549497

Best accuracy is: 0.94061

Best class avg mIOU is: 0.78060

Best instance avg mIOU is: 0.84774

Running Epoch: 149

100%|█████████████████████████████████████████| 380/380 [01:32<00:00, 4.12it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.45it/s]

eval mIoU of Airplane 0.844835

eval mIoU of Bag 0.718785

eval mIoU of Cap 0.637484

eval mIoU of Car 0.703950

eval mIoU of Chair 0.899438

eval mIoU of Earphone 0.544669

eval mIoU of Guitar 0.899622

eval mIoU of Knife 0.846202

eval mIoU of Lamp 0.769290

eval mIoU of Laptop 0.946212

eval mIoU of Motorbike 0.534792

eval mIoU of Mug 0.908334

eval mIoU of Pistol 0.833255

eval mIoU of Rocket 0.547328

eval mIoU of Skateboard 0.777587

eval mIoU of Table 0.848762

Epoch 149 test Accuracy: 0.937784 Class avg mIOU: 0.766284 Instance avg mIOU: 0.842627

epoch accuarcy: 0.937783829796123

time consuming: 99s

mIOU: 0.8426272666427731

Best accuracy is: 0.94061

Best class avg mIOU is: 0.78060

Best instance avg mIOU is: 0.84774

Running Epoch: 150

100%|█████████████████████████████████████████| 380/380 [01:32<00:00, 4.12it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.45it/s]

eval mIoU of Airplane 0.852626

eval mIoU of Bag 0.786173

eval mIoU of Cap 0.615194

eval mIoU of Car 0.734027

eval mIoU of Chair 0.895639

eval mIoU of Earphone 0.543345

eval mIoU of Guitar 0.888294

eval mIoU of Knife 0.840154

eval mIoU of Lamp 0.770058

eval mIoU of Laptop 0.946468

eval mIoU of Motorbike 0.517481

eval mIoU of Mug 0.887954

eval mIoU of Pistol 0.824645

eval mIoU of Rocket 0.521357

eval mIoU of Skateboard 0.644521

eval mIoU of Table 0.848365

Epoch 150 test Accuracy: 0.938841 Class avg mIOU: 0.757269 Instance avg mIOU: 0.842602

epoch accuarcy: 0.9388410762032086

time consuming: 99s

mIOU: 0.8426016738015759

Best accuracy is: 0.94061

Best class avg mIOU is: 0.78060

Best instance avg mIOU is: 0.84774

Running Epoch: 151

100%|█████████████████████████████████████████| 380/380 [01:32<00:00, 4.12it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.43it/s]

eval mIoU of Airplane 0.858967

eval mIoU of Bag 0.773780

eval mIoU of Cap 0.729243

eval mIoU of Car 0.725807

eval mIoU of Chair 0.897323

eval mIoU of Earphone 0.531593

eval mIoU of Guitar 0.894633

eval mIoU of Knife 0.837051

eval mIoU of Lamp 0.767434

eval mIoU of Laptop 0.965454

eval mIoU of Motorbike 0.430493

eval mIoU of Mug 0.901059

eval mIoU of Pistol 0.809909

eval mIoU of Rocket 0.509003

eval mIoU of Skateboard 0.740955

eval mIoU of Table 0.845353

Epoch 151 test Accuracy: 0.939370 Class avg mIOU: 0.763628 Instance avg mIOU: 0.843034

epoch accuarcy: 0.9393698299632353

time consuming: 99s

mIOU: 0.8430342814462369

Best accuracy is: 0.94061

Best class avg mIOU is: 0.78060

Best instance avg mIOU is: 0.84774

Running Epoch: 152

100%|█████████████████████████████████████████| 380/380 [01:32<00:00, 4.12it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.43it/s]

eval mIoU of Airplane 0.858701

eval mIoU of Bag 0.695676

eval mIoU of Cap 0.571299

eval mIoU of Car 0.718688

eval mIoU of Chair 0.895807

eval mIoU of Earphone 0.540826

eval mIoU of Guitar 0.896147

eval mIoU of Knife 0.853793

eval mIoU of Lamp 0.784560

eval mIoU of Laptop 0.942803

eval mIoU of Motorbike 0.512495

eval mIoU of Mug 0.809486

eval mIoU of Pistol 0.834897

eval mIoU of Rocket 0.581546

eval mIoU of Skateboard 0.793207

eval mIoU of Table 0.846799

Epoch 152 test Accuracy: 0.940178 Class avg mIOU: 0.758546 Instance avg mIOU: 0.844718

epoch accuarcy: 0.9401779745989305

time consuming: 99s

mIOU: 0.8447175325597498

Best accuracy is: 0.94061

Best class avg mIOU is: 0.78060

Best instance avg mIOU is: 0.84774

Running Epoch: 153

100%|█████████████████████████████████████████| 380/380 [01:32<00:00, 4.11it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.43it/s]

eval mIoU of Airplane 0.853822

eval mIoU of Bag 0.771175

eval mIoU of Cap 0.600943

eval mIoU of Car 0.719673

eval mIoU of Chair 0.899137

eval mIoU of Earphone 0.555426

eval mIoU of Guitar 0.867289

eval mIoU of Knife 0.828002

eval mIoU of Lamp 0.769559

eval mIoU of Laptop 0.959095

eval mIoU of Motorbike 0.525105

eval mIoU of Mug 0.912923

eval mIoU of Pistol 0.839947

eval mIoU of Rocket 0.515027

eval mIoU of Skateboard 0.767496

eval mIoU of Table 0.844159

Epoch 153 test Accuracy: 0.938295 Class avg mIOU: 0.764299 Instance avg mIOU: 0.842264

epoch accuarcy: 0.9382953501002674

time consuming: 99s

mIOU: 0.8422643876765606

Best accuracy is: 0.94061

Best class avg mIOU is: 0.78060

Best instance avg mIOU is: 0.84774

Running Epoch: 154

100%|█████████████████████████████████████████| 380/380 [01:32<00:00, 4.11it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.46it/s]

eval mIoU of Airplane 0.848759

eval mIoU of Bag 0.766599

eval mIoU of Cap 0.732683

eval mIoU of Car 0.705800

eval mIoU of Chair 0.896488

eval mIoU of Earphone 0.610017

eval mIoU of Guitar 0.893559

eval mIoU of Knife 0.853962

eval mIoU of Lamp 0.769738

eval mIoU of Laptop 0.960565

eval mIoU of Motorbike 0.497395

eval mIoU of Mug 0.889955

eval mIoU of Pistol 0.795484

eval mIoU of Rocket 0.519448

eval mIoU of Skateboard 0.688661

eval mIoU of Table 0.841547

Epoch 154 test Accuracy: 0.935698 Class avg mIOU: 0.766916 Instance avg mIOU: 0.839452

epoch accuarcy: 0.9356983205213903

time consuming: 99s

mIOU: 0.8394517683258058

Best accuracy is: 0.94061

Best class avg mIOU is: 0.78060

Best instance avg mIOU is: 0.84774

Running Epoch: 155

100%|█████████████████████████████████████████| 380/380 [01:32<00:00, 4.11it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.39it/s]

eval mIoU of Airplane 0.853608

eval mIoU of Bag 0.796886

eval mIoU of Cap 0.633382

eval mIoU of Car 0.728885

eval mIoU of Chair 0.894887

eval mIoU of Earphone 0.516133

eval mIoU of Guitar 0.898103

eval mIoU of Knife 0.850265

eval mIoU of Lamp 0.765032

eval mIoU of Laptop 0.963662

eval mIoU of Motorbike 0.491657

eval mIoU of Mug 0.904236

eval mIoU of Pistol 0.779241

eval mIoU of Rocket 0.552935

eval mIoU of Skateboard 0.726185

eval mIoU of Table 0.833611

Epoch 155 test Accuracy: 0.936686 Class avg mIOU: 0.761794 Instance avg mIOU: 0.838254

epoch accuarcy: 0.9366858497660427

time consuming: 100s

mIOU: 0.8382535935029077

Best accuracy is: 0.94061

Best class avg mIOU is: 0.78060

Best instance avg mIOU is: 0.84774

Running Epoch: 156

100%|█████████████████████████████████████████| 380/380 [01:32<00:00, 4.11it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.42it/s]

eval mIoU of Airplane 0.844555

eval mIoU of Bag 0.760516

eval mIoU of Cap 0.630342

eval mIoU of Car 0.727985

eval mIoU of Chair 0.895714

eval mIoU of Earphone 0.520680

eval mIoU of Guitar 0.877274

eval mIoU of Knife 0.751082

eval mIoU of Lamp 0.777875

eval mIoU of Laptop 0.958560

eval mIoU of Motorbike 0.488170

eval mIoU of Mug 0.882217

eval mIoU of Pistol 0.793818

eval mIoU of Rocket 0.566300

eval mIoU of Skateboard 0.641247

eval mIoU of Table 0.849661

Epoch 156 test Accuracy: 0.935953 Class avg mIOU: 0.747875 Instance avg mIOU: 0.838904

epoch accuarcy: 0.9359529056651069

time consuming: 100s

mIOU: 0.8389041055599346

Best accuracy is: 0.94061

Best class avg mIOU is: 0.78060

Best instance avg mIOU is: 0.84774

Running Epoch: 157

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.15it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.46it/s]

eval mIoU of Airplane 0.861323

eval mIoU of Bag 0.790763

eval mIoU of Cap 0.793565

eval mIoU of Car 0.737165

eval mIoU of Chair 0.899519

eval mIoU of Earphone 0.582943

eval mIoU of Guitar 0.905044

eval mIoU of Knife 0.846941

eval mIoU of Lamp 0.770837

eval mIoU of Laptop 0.965975

eval mIoU of Motorbike 0.523027

eval mIoU of Mug 0.896435

eval mIoU of Pistol 0.835826

eval mIoU of Rocket 0.521536

eval mIoU of Skateboard 0.718899

eval mIoU of Table 0.848831

Epoch 157 test Accuracy: 0.939601 Class avg mIOU: 0.781164 Instance avg mIOU: 0.848418

epoch accuarcy: 0.9396006538268716

time consuming: 99s

mIOU: 0.8484183479527554

epoch 157 will be saved.

Saving at log/checkpoints/best\_model.pth

Saving model....

Best accuracy is: 0.94061

Best class avg mIOU is: 0.78116

Best instance avg mIOU is: 0.84842

Running Epoch: 158

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.46it/s]

eval mIoU of Airplane 0.850890

eval mIoU of Bag 0.775683

eval mIoU of Cap 0.580632

eval mIoU of Car 0.728824

eval mIoU of Chair 0.889879

eval mIoU of Earphone 0.545480

eval mIoU of Guitar 0.903933

eval mIoU of Knife 0.867622

eval mIoU of Lamp 0.770775

eval mIoU of Laptop 0.965944

eval mIoU of Motorbike 0.499395

eval mIoU of Mug 0.894417

eval mIoU of Pistol 0.844166

eval mIoU of Rocket 0.582631

eval mIoU of Skateboard 0.699648

eval mIoU of Table 0.850591

Epoch 158 test Accuracy: 0.937655 Class avg mIOU: 0.765657 Instance avg mIOU: 0.843864

epoch accuarcy: 0.9376551011029411

time consuming: 98s

mIOU: 0.8438639728802124

Best accuracy is: 0.94061

Best class avg mIOU is: 0.78116

Best instance avg mIOU is: 0.84842

Running Epoch: 159

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.15it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.42it/s]

eval mIoU of Airplane 0.851427

eval mIoU of Bag 0.525818

eval mIoU of Cap 0.511209

eval mIoU of Car 0.719346

eval mIoU of Chair 0.901189

eval mIoU of Earphone 0.539045

eval mIoU of Guitar 0.893528

eval mIoU of Knife 0.846513

eval mIoU of Lamp 0.756426

eval mIoU of Laptop 0.966539

eval mIoU of Motorbike 0.554971

eval mIoU of Mug 0.905158

eval mIoU of Pistol 0.823341

eval mIoU of Rocket 0.506830

eval mIoU of Skateboard 0.730203

eval mIoU of Table 0.844523

Epoch 159 test Accuracy: 0.936979 Class avg mIOU: 0.742254 Instance avg mIOU: 0.841317

epoch accuarcy: 0.9369790796290107

time consuming: 99s

mIOU: 0.8413165165924248

Best accuracy is: 0.94061

Best class avg mIOU is: 0.78116

Best instance avg mIOU is: 0.84842

Running Epoch: 160

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.15it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.44it/s]

eval mIoU of Airplane 0.853754

eval mIoU of Bag 0.805550

eval mIoU of Cap 0.681713

eval mIoU of Car 0.725286

eval mIoU of Chair 0.893984

eval mIoU of Earphone 0.591191

eval mIoU of Guitar 0.901232

eval mIoU of Knife 0.842905

eval mIoU of Lamp 0.771868

eval mIoU of Laptop 0.946823

eval mIoU of Motorbike 0.547714

eval mIoU of Mug 0.890480

eval mIoU of Pistol 0.850622

eval mIoU of Rocket 0.494223

eval mIoU of Skateboard 0.715667

eval mIoU of Table 0.849329

Epoch 160 test Accuracy: 0.938623 Class avg mIOU: 0.772646 Instance avg mIOU: 0.844877

epoch accuarcy: 0.9386225246490641

time consuming: 99s

mIOU: 0.8448770713633222

Best accuracy is: 0.94061

Best class avg mIOU is: 0.78116

Best instance avg mIOU is: 0.84842

Running Epoch: 161

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.15it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.43it/s]

eval mIoU of Airplane 0.854751

eval mIoU of Bag 0.809067

eval mIoU of Cap 0.585106

eval mIoU of Car 0.714569

eval mIoU of Chair 0.893679

eval mIoU of Earphone 0.593359

eval mIoU of Guitar 0.892595

eval mIoU of Knife 0.841347

eval mIoU of Lamp 0.772250

eval mIoU of Laptop 0.963197

eval mIoU of Motorbike 0.529283

eval mIoU of Mug 0.897784

eval mIoU of Pistol 0.835074

eval mIoU of Rocket 0.532748

eval mIoU of Skateboard 0.713425

eval mIoU of Table 0.831534

Epoch 161 test Accuracy: 0.935781 Class avg mIOU: 0.766236 Instance avg mIOU: 0.838454

epoch accuarcy: 0.9357813544451872

time consuming: 99s

mIOU: 0.8384537913452825

Best accuracy is: 0.94061

Best class avg mIOU is: 0.78116

Best instance avg mIOU is: 0.84842

Running Epoch: 162

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.15it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.41it/s]

eval mIoU of Airplane 0.845760

eval mIoU of Bag 0.757153

eval mIoU of Cap 0.577926

eval mIoU of Car 0.722959

eval mIoU of Chair 0.896525

eval mIoU of Earphone 0.555271

eval mIoU of Guitar 0.886393

eval mIoU of Knife 0.851002

eval mIoU of Lamp 0.771610

eval mIoU of Laptop 0.961312

eval mIoU of Motorbike 0.446909

eval mIoU of Mug 0.910390

eval mIoU of Pistol 0.841274

eval mIoU of Rocket 0.485333

eval mIoU of Skateboard 0.761372

eval mIoU of Table 0.845291

Epoch 162 test Accuracy: 0.937915 Class avg mIOU: 0.757280 Instance avg mIOU: 0.840574

epoch accuarcy: 0.9379151696189839

time consuming: 99s

mIOU: 0.8405744848119183

Best accuracy is: 0.94061

Best class avg mIOU is: 0.78116

Best instance avg mIOU is: 0.84842

Running Epoch: 163

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.15it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.26it/s]

eval mIoU of Airplane 0.834629

eval mIoU of Bag 0.759123

eval mIoU of Cap 0.686173

eval mIoU of Car 0.692885

eval mIoU of Chair 0.891106

eval mIoU of Earphone 0.510140

eval mIoU of Guitar 0.897862

eval mIoU of Knife 0.861162

eval mIoU of Lamp 0.749695

eval mIoU of Laptop 0.959086

eval mIoU of Motorbike 0.474868

eval mIoU of Mug 0.883658

eval mIoU of Pistol 0.851431

eval mIoU of Rocket 0.480317

eval mIoU of Skateboard 0.692893

eval mIoU of Table 0.834695

Epoch 163 test Accuracy: 0.932727 Class avg mIOU: 0.753733 Instance avg mIOU: 0.831311

epoch accuarcy: 0.9327273771724599

time consuming: 99s

mIOU: 0.8313107651680467

Best accuracy is: 0.94061

Best class avg mIOU is: 0.78116

Best instance avg mIOU is: 0.84842

Running Epoch: 164

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.43it/s]

eval mIoU of Airplane 0.851738

eval mIoU of Bag 0.753048

eval mIoU of Cap 0.486311

eval mIoU of Car 0.708332

eval mIoU of Chair 0.899614

eval mIoU of Earphone 0.572154

eval mIoU of Guitar 0.896866

eval mIoU of Knife 0.849940

eval mIoU of Lamp 0.785459

eval mIoU of Laptop 0.956606

eval mIoU of Motorbike 0.534906

eval mIoU of Mug 0.907072

eval mIoU of Pistol 0.841444

eval mIoU of Rocket 0.472781

eval mIoU of Skateboard 0.746363

eval mIoU of Table 0.845927

Epoch 164 test Accuracy: 0.938236 Class avg mIOU: 0.756785 Instance avg mIOU: 0.844226

epoch accuarcy: 0.9382360774565508

time consuming: 98s

mIOU: 0.8442256223078385

Best accuracy is: 0.94061

Best class avg mIOU is: 0.78116

Best instance avg mIOU is: 0.84842

Running Epoch: 165

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.15it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.44it/s]

eval mIoU of Airplane 0.857526

eval mIoU of Bag 0.778389

eval mIoU of Cap 0.607302

eval mIoU of Car 0.690293

eval mIoU of Chair 0.897066

eval mIoU of Earphone 0.594867

eval mIoU of Guitar 0.902818

eval mIoU of Knife 0.845274

eval mIoU of Lamp 0.771691

eval mIoU of Laptop 0.965035

eval mIoU of Motorbike 0.503591

eval mIoU of Mug 0.887810

eval mIoU of Pistol 0.820518

eval mIoU of Rocket 0.579771

eval mIoU of Skateboard 0.723990

eval mIoU of Table 0.842965

Epoch 165 test Accuracy: 0.937449 Class avg mIOU: 0.766807 Instance avg mIOU: 0.842337

epoch accuarcy: 0.9374485607453209

time consuming: 98s

mIOU: 0.8423371133178185

Best accuracy is: 0.94061

Best class avg mIOU is: 0.78116

Best instance avg mIOU is: 0.84842

Running Epoch: 166

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.45it/s]

eval mIoU of Airplane 0.859143

eval mIoU of Bag 0.784514

eval mIoU of Cap 0.660714

eval mIoU of Car 0.716070

eval mIoU of Chair 0.895564

eval mIoU of Earphone 0.584750

eval mIoU of Guitar 0.882435

eval mIoU of Knife 0.851323

eval mIoU of Lamp 0.778952

eval mIoU of Laptop 0.960508

eval mIoU of Motorbike 0.506237

eval mIoU of Mug 0.901180

eval mIoU of Pistol 0.857422

eval mIoU of Rocket 0.505251

eval mIoU of Skateboard 0.727169

eval mIoU of Table 0.845816

Epoch 166 test Accuracy: 0.937141 Class avg mIOU: 0.769815 Instance avg mIOU: 0.844668

epoch accuarcy: 0.9371407085561497

time consuming: 98s

mIOU: 0.8446683552801876

Best accuracy is: 0.94061

Best class avg mIOU is: 0.78116

Best instance avg mIOU is: 0.84842

Running Epoch: 167

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.46it/s]

eval mIoU of Airplane 0.850464

eval mIoU of Bag 0.785712

eval mIoU of Cap 0.608687

eval mIoU of Car 0.691202

eval mIoU of Chair 0.879634

eval mIoU of Earphone 0.572876

eval mIoU of Guitar 0.894628

eval mIoU of Knife 0.846594

eval mIoU of Lamp 0.781025

eval mIoU of Laptop 0.953632

eval mIoU of Motorbike 0.552623

eval mIoU of Mug 0.862904

eval mIoU of Pistol 0.813033

eval mIoU of Rocket 0.551117

eval mIoU of Skateboard 0.773878

eval mIoU of Table 0.845655

Epoch 167 test Accuracy: 0.936125 Class avg mIOU: 0.766479 Instance avg mIOU: 0.838773

epoch accuarcy: 0.9361247179979947

time consuming: 98s

mIOU: 0.838773173469054

Best accuracy is: 0.94061

Best class avg mIOU is: 0.78116

Best instance avg mIOU is: 0.84842

Running Epoch: 168

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.46it/s]

eval mIoU of Airplane 0.847275

eval mIoU of Bag 0.763161

eval mIoU of Cap 0.599236

eval mIoU of Car 0.707214

eval mIoU of Chair 0.896693

eval mIoU of Earphone 0.614397

eval mIoU of Guitar 0.883822

eval mIoU of Knife 0.837390

eval mIoU of Lamp 0.766952

eval mIoU of Laptop 0.956043

eval mIoU of Motorbike 0.533605

eval mIoU of Mug 0.894839

eval mIoU of Pistol 0.824415

eval mIoU of Rocket 0.524122

eval mIoU of Skateboard 0.743748

eval mIoU of Table 0.845442

Epoch 168 test Accuracy: 0.934947 Class avg mIOU: 0.764897 Instance avg mIOU: 0.840549

epoch accuarcy: 0.9349470985127005

time consuming: 98s

mIOU: 0.8405492609716846

Best accuracy is: 0.94061

Best class avg mIOU is: 0.78116

Best instance avg mIOU is: 0.84842

Running Epoch: 169

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.46it/s]

eval mIoU of Airplane 0.856575

eval mIoU of Bag 0.793549

eval mIoU of Cap 0.742808

eval mIoU of Car 0.700301

eval mIoU of Chair 0.901834

eval mIoU of Earphone 0.532403

eval mIoU of Guitar 0.887276

eval mIoU of Knife 0.847734

eval mIoU of Lamp 0.771510

eval mIoU of Laptop 0.960987

eval mIoU of Motorbike 0.530674

eval mIoU of Mug 0.916295

eval mIoU of Pistol 0.822192

eval mIoU of Rocket 0.533589

eval mIoU of Skateboard 0.759356

eval mIoU of Table 0.847211

Epoch 169 test Accuracy: 0.939151 Class avg mIOU: 0.775268 Instance avg mIOU: 0.845165

epoch accuarcy: 0.939151278409091

time consuming: 98s

mIOU: 0.8451652328969766

Best accuracy is: 0.94061

Best class avg mIOU is: 0.78116

Best instance avg mIOU is: 0.84842

Running Epoch: 170

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.46it/s]

eval mIoU of Airplane 0.836367

eval mIoU of Bag 0.752830

eval mIoU of Cap 0.765479

eval mIoU of Car 0.735442

eval mIoU of Chair 0.881053

eval mIoU of Earphone 0.541891

eval mIoU of Guitar 0.901090

eval mIoU of Knife 0.852822

eval mIoU of Lamp 0.790052

eval mIoU of Laptop 0.963923

eval mIoU of Motorbike 0.486971

eval mIoU of Mug 0.896355

eval mIoU of Pistol 0.849738

eval mIoU of Rocket 0.487729

eval mIoU of Skateboard 0.769984

eval mIoU of Table 0.842697

Epoch 170 test Accuracy: 0.935167 Class avg mIOU: 0.772151 Instance avg mIOU: 0.838270

epoch accuarcy: 0.9351672167446524

time consuming: 98s

mIOU: 0.8382700630641873

Best accuracy is: 0.94061

Best class avg mIOU is: 0.78116

Best instance avg mIOU is: 0.84842

Running Epoch: 171

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.44it/s]

eval mIoU of Airplane 0.858497

eval mIoU of Bag 0.815082

eval mIoU of Cap 0.613011

eval mIoU of Car 0.707846

eval mIoU of Chair 0.878178

eval mIoU of Earphone 0.537008

eval mIoU of Guitar 0.896284

eval mIoU of Knife 0.860435

eval mIoU of Lamp 0.781960

eval mIoU of Laptop 0.965217

eval mIoU of Motorbike 0.520055

eval mIoU of Mug 0.917872

eval mIoU of Pistol 0.831462

eval mIoU of Rocket 0.492597

eval mIoU of Skateboard 0.677102

eval mIoU of Table 0.847812

Epoch 171 test Accuracy: 0.936933 Class avg mIOU: 0.762526 Instance avg mIOU: 0.841525

epoch accuarcy: 0.9369326015207219

time consuming: 98s

mIOU: 0.8415248162486701

Best accuracy is: 0.94061

Best class avg mIOU is: 0.78116

Best instance avg mIOU is: 0.84842

Running Epoch: 172

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.46it/s]

eval mIoU of Airplane 0.859563

eval mIoU of Bag 0.788595

eval mIoU of Cap 0.622306

eval mIoU of Car 0.696660

eval mIoU of Chair 0.889052

eval mIoU of Earphone 0.527366

eval mIoU of Guitar 0.900437

eval mIoU of Knife 0.850180

eval mIoU of Lamp 0.766518

eval mIoU of Laptop 0.961134

eval mIoU of Motorbike 0.522478

eval mIoU of Mug 0.841849

eval mIoU of Pistol 0.823877

eval mIoU of Rocket 0.549391

eval mIoU of Skateboard 0.732283

eval mIoU of Table 0.837750

Epoch 172 test Accuracy: 0.935305 Class avg mIOU: 0.760590 Instance avg mIOU: 0.838934

epoch accuarcy: 0.9353045621657754

time consuming: 98s

mIOU: 0.8389340108499833

Best accuracy is: 0.94061

Best class avg mIOU is: 0.78116

Best instance avg mIOU is: 0.84842

Running Epoch: 173

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.46it/s]

eval mIoU of Airplane 0.860487

eval mIoU of Bag 0.789083

eval mIoU of Cap 0.638276

eval mIoU of Car 0.713980

eval mIoU of Chair 0.896857

eval mIoU of Earphone 0.631130

eval mIoU of Guitar 0.898018

eval mIoU of Knife 0.860928

eval mIoU of Lamp 0.755896

eval mIoU of Laptop 0.959890

eval mIoU of Motorbike 0.450133

eval mIoU of Mug 0.907721

eval mIoU of Pistol 0.837776

eval mIoU of Rocket 0.567125

eval mIoU of Skateboard 0.709065

eval mIoU of Table 0.844957

Epoch 173 test Accuracy: 0.939442 Class avg mIOU: 0.770083 Instance avg mIOU: 0.843103

epoch accuarcy: 0.9394424193683155

time consuming: 98s

mIOU: 0.8431032535106646

Best accuracy is: 0.94061

Best class avg mIOU is: 0.78116

Best instance avg mIOU is: 0.84842

Running Epoch: 174

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.47it/s]

eval mIoU of Airplane 0.853067

eval mIoU of Bag 0.801344

eval mIoU of Cap 0.660333

eval mIoU of Car 0.679758

eval mIoU of Chair 0.897619

eval mIoU of Earphone 0.492324

eval mIoU of Guitar 0.894438

eval mIoU of Knife 0.851299

eval mIoU of Lamp 0.768088

eval mIoU of Laptop 0.965133

eval mIoU of Motorbike 0.463536

eval mIoU of Mug 0.849068

eval mIoU of Pistol 0.850125

eval mIoU of Rocket 0.511105

eval mIoU of Skateboard 0.725596

eval mIoU of Table 0.841085

Epoch 174 test Accuracy: 0.937499 Class avg mIOU: 0.756495 Instance avg mIOU: 0.839181

epoch accuarcy: 0.9374989555481283

time consuming: 98s

mIOU: 0.8391810645656018

Best accuracy is: 0.94061

Best class avg mIOU is: 0.78116

Best instance avg mIOU is: 0.84842

Running Epoch: 175

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.44it/s]

eval mIoU of Airplane 0.852968

eval mIoU of Bag 0.776996

eval mIoU of Cap 0.666916

eval mIoU of Car 0.736747

eval mIoU of Chair 0.894523

eval mIoU of Earphone 0.559731

eval mIoU of Guitar 0.900269

eval mIoU of Knife 0.871582

eval mIoU of Lamp 0.781582

eval mIoU of Laptop 0.960122

eval mIoU of Motorbike 0.482998

eval mIoU of Mug 0.915315

eval mIoU of Pistol 0.813596

eval mIoU of Rocket 0.505056

eval mIoU of Skateboard 0.734799

eval mIoU of Table 0.841502

Epoch 175 test Accuracy: 0.938524 Class avg mIOU: 0.768419 Instance avg mIOU: 0.843070

epoch accuarcy: 0.9385243461731283

time consuming: 98s

mIOU: 0.8430704261037602

Best accuracy is: 0.94061

Best class avg mIOU is: 0.78116

Best instance avg mIOU is: 0.84842

Running Epoch: 176

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.43it/s]

eval mIoU of Airplane 0.850186

eval mIoU of Bag 0.793121

eval mIoU of Cap 0.657266

eval mIoU of Car 0.717618

eval mIoU of Chair 0.881419

eval mIoU of Earphone 0.512034

eval mIoU of Guitar 0.887407

eval mIoU of Knife 0.861945

eval mIoU of Lamp 0.783686

eval mIoU of Laptop 0.956097

eval mIoU of Motorbike 0.421479

eval mIoU of Mug 0.888426

eval mIoU of Pistol 0.835446

eval mIoU of Rocket 0.593072

eval mIoU of Skateboard 0.781865

eval mIoU of Table 0.849533

Epoch 176 test Accuracy: 0.936158 Class avg mIOU: 0.766912 Instance avg mIOU: 0.840669

epoch accuarcy: 0.9361576182319519

time consuming: 99s

mIOU: 0.8406687158019531

Best accuracy is: 0.94061

Best class avg mIOU is: 0.78116

Best instance avg mIOU is: 0.84842

Running Epoch: 177

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.45it/s]

eval mIoU of Airplane 0.853970

eval mIoU of Bag 0.748844

eval mIoU of Cap 0.672295

eval mIoU of Car 0.731686

eval mIoU of Chair 0.897835

eval mIoU of Earphone 0.582925

eval mIoU of Guitar 0.902576

eval mIoU of Knife 0.861347

eval mIoU of Lamp 0.784246

eval mIoU of Laptop 0.963520

eval mIoU of Motorbike 0.454563

eval mIoU of Mug 0.902842

eval mIoU of Pistol 0.828759

eval mIoU of Rocket 0.509948

eval mIoU of Skateboard 0.753119

eval mIoU of Table 0.850150

Epoch 177 test Accuracy: 0.939398 Class avg mIOU: 0.768664 Instance avg mIOU: 0.846547

epoch accuarcy: 0.9393975079378343

time consuming: 98s

mIOU: 0.8465469415999236

Best accuracy is: 0.94061

Best class avg mIOU is: 0.78116

Best instance avg mIOU is: 0.84842

Running Epoch: 178

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.15it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.42it/s]

eval mIoU of Airplane 0.858271

eval mIoU of Bag 0.776066

eval mIoU of Cap 0.770351

eval mIoU of Car 0.696291

eval mIoU of Chair 0.893262

eval mIoU of Earphone 0.495697

eval mIoU of Guitar 0.872463

eval mIoU of Knife 0.828008

eval mIoU of Lamp 0.756565

eval mIoU of Laptop 0.962489

eval mIoU of Motorbike 0.523000

eval mIoU of Mug 0.904769

eval mIoU of Pistol 0.815315

eval mIoU of Rocket 0.504230

eval mIoU of Skateboard 0.744904

eval mIoU of Table 0.846660

Epoch 178 test Accuracy: 0.937557 Class avg mIOU: 0.765521 Instance avg mIOU: 0.840587

epoch accuarcy: 0.9375566615140374

time consuming: 99s

mIOU: 0.8405871533878436

Best accuracy is: 0.94061

Best class avg mIOU is: 0.78116

Best instance avg mIOU is: 0.84842

Running Epoch: 179

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.45it/s]

eval mIoU of Airplane 0.853259

eval mIoU of Bag 0.781682

eval mIoU of Cap 0.619263

eval mIoU of Car 0.724890

eval mIoU of Chair 0.896993

eval mIoU of Earphone 0.488460

eval mIoU of Guitar 0.885872

eval mIoU of Knife 0.846972

eval mIoU of Lamp 0.787914

eval mIoU of Laptop 0.955446

eval mIoU of Motorbike 0.501576

eval mIoU of Mug 0.902043

eval mIoU of Pistol 0.824652

eval mIoU of Rocket 0.578360

eval mIoU of Skateboard 0.714385

eval mIoU of Table 0.834374

Epoch 179 test Accuracy: 0.937083 Class avg mIOU: 0.762259 Instance avg mIOU: 0.840348

epoch accuarcy: 0.9370832637032086

time consuming: 98s

mIOU: 0.8403482165961795

Best accuracy is: 0.94061

Best class avg mIOU is: 0.78116

Best instance avg mIOU is: 0.84842

Running Epoch: 180

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.45it/s]

eval mIoU of Airplane 0.854936

eval mIoU of Bag 0.749123

eval mIoU of Cap 0.572405

eval mIoU of Car 0.711033

eval mIoU of Chair 0.901070

eval mIoU of Earphone 0.569554

eval mIoU of Guitar 0.895116

eval mIoU of Knife 0.871318

eval mIoU of Lamp 0.793481

eval mIoU of Laptop 0.962182

eval mIoU of Motorbike 0.498742

eval mIoU of Mug 0.876990

eval mIoU of Pistol 0.856695

eval mIoU of Rocket 0.554959

eval mIoU of Skateboard 0.740399

eval mIoU of Table 0.842739

Epoch 180 test Accuracy: 0.940087 Class avg mIOU: 0.765671 Instance avg mIOU: 0.845382

epoch accuarcy: 0.9400871072860962

time consuming: 98s

mIOU: 0.8453824479624072

Best accuracy is: 0.94061

Best class avg mIOU is: 0.78116

Best instance avg mIOU is: 0.84842

Running Epoch: 181

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.46it/s]

eval mIoU of Airplane 0.863727

eval mIoU of Bag 0.775159

eval mIoU of Cap 0.563871

eval mIoU of Car 0.730786

eval mIoU of Chair 0.898077

eval mIoU of Earphone 0.512707

eval mIoU of Guitar 0.858161

eval mIoU of Knife 0.836562

eval mIoU of Lamp 0.785594

eval mIoU of Laptop 0.957084

eval mIoU of Motorbike 0.466701

eval mIoU of Mug 0.868043

eval mIoU of Pistol 0.843753

eval mIoU of Rocket 0.555321

eval mIoU of Skateboard 0.749671

eval mIoU of Table 0.844080

Epoch 181 test Accuracy: 0.938908 Class avg mIOU: 0.756831 Instance avg mIOU: 0.844201

epoch accuarcy: 0.9389081822359626

time consuming: 98s

mIOU: 0.8442014352538263

Best accuracy is: 0.94061

Best class avg mIOU is: 0.78116

Best instance avg mIOU is: 0.84842

Running Epoch: 182

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.45it/s]

eval mIoU of Airplane 0.867313

eval mIoU of Bag 0.774440

eval mIoU of Cap 0.643181

eval mIoU of Car 0.722326

eval mIoU of Chair 0.899002

eval mIoU of Earphone 0.541652

eval mIoU of Guitar 0.886911

eval mIoU of Knife 0.842792

eval mIoU of Lamp 0.782308

eval mIoU of Laptop 0.960585

eval mIoU of Motorbike 0.500757

eval mIoU of Mug 0.895308

eval mIoU of Pistol 0.840165

eval mIoU of Rocket 0.588889

eval mIoU of Skateboard 0.743753

eval mIoU of Table 0.846708

Epoch 182 test Accuracy: 0.940900 Class avg mIOU: 0.771006 Instance avg mIOU: 0.847801

epoch accuarcy: 0.940899690842246

time consuming: 98s

mIOU: 0.8478009627031378

Best accuracy is: 0.94090

Best class avg mIOU is: 0.78116

Best instance avg mIOU is: 0.84842

Running Epoch: 183

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.45it/s]

eval mIoU of Airplane 0.835469

eval mIoU of Bag 0.786026

eval mIoU of Cap 0.672137

eval mIoU of Car 0.688433

eval mIoU of Chair 0.870131

eval mIoU of Earphone 0.517537

eval mIoU of Guitar 0.901683

eval mIoU of Knife 0.859022

eval mIoU of Lamp 0.765309

eval mIoU of Laptop 0.946769

eval mIoU of Motorbike 0.479199

eval mIoU of Mug 0.907742

eval mIoU of Pistol 0.745879

eval mIoU of Rocket 0.566586

eval mIoU of Skateboard 0.761771

eval mIoU of Table 0.843834

Epoch 183 test Accuracy: 0.931938 Class avg mIOU: 0.759220 Instance avg mIOU: 0.830344

epoch accuarcy: 0.9319375104445187

time consuming: 98s

mIOU: 0.8303444147018637

Best accuracy is: 0.94090

Best class avg mIOU is: 0.78116

Best instance avg mIOU is: 0.84842

Running Epoch: 184

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.44it/s]

eval mIoU of Airplane 0.860853

eval mIoU of Bag 0.769459

eval mIoU of Cap 0.809820

eval mIoU of Car 0.696533

eval mIoU of Chair 0.896758

eval mIoU of Earphone 0.485973

eval mIoU of Guitar 0.902833

eval mIoU of Knife 0.853721

eval mIoU of Lamp 0.774982

eval mIoU of Laptop 0.956191

eval mIoU of Motorbike 0.549849

eval mIoU of Mug 0.896471

eval mIoU of Pistol 0.840257

eval mIoU of Rocket 0.544926

eval mIoU of Skateboard 0.736290

eval mIoU of Table 0.846588

Epoch 184 test Accuracy: 0.939010 Class avg mIOU: 0.776344 Instance avg mIOU: 0.845717

epoch accuarcy: 0.9390097551804812

time consuming: 98s

mIOU: 0.8457168180372832

Best accuracy is: 0.94090

Best class avg mIOU is: 0.78116

Best instance avg mIOU is: 0.84842

Running Epoch: 185

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.44it/s]

eval mIoU of Airplane 0.847713

eval mIoU of Bag 0.673803

eval mIoU of Cap 0.587613

eval mIoU of Car 0.711910

eval mIoU of Chair 0.898245

eval mIoU of Earphone 0.542843

eval mIoU of Guitar 0.902761

eval mIoU of Knife 0.860158

eval mIoU of Lamp 0.763002

eval mIoU of Laptop 0.965135

eval mIoU of Motorbike 0.495573

eval mIoU of Mug 0.794012

eval mIoU of Pistol 0.843891

eval mIoU of Rocket 0.470670

eval mIoU of Skateboard 0.774144

eval mIoU of Table 0.844807

Epoch 185 test Accuracy: 0.936655 Class avg mIOU: 0.748518 Instance avg mIOU: 0.840394

epoch accuarcy: 0.936654516209893

time consuming: 99s

mIOU: 0.8403941261396275

Best accuracy is: 0.94090

Best class avg mIOU is: 0.78116

Best instance avg mIOU is: 0.84842

Running Epoch: 186

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.40it/s]

eval mIoU of Airplane 0.844761

eval mIoU of Bag 0.777640

eval mIoU of Cap 0.708302

eval mIoU of Car 0.705150

eval mIoU of Chair 0.897316

eval mIoU of Earphone 0.531167

eval mIoU of Guitar 0.894619

eval mIoU of Knife 0.852735

eval mIoU of Lamp 0.784162

eval mIoU of Laptop 0.949206

eval mIoU of Motorbike 0.490448

eval mIoU of Mug 0.885089

eval mIoU of Pistol 0.824286

eval mIoU of Rocket 0.521648

eval mIoU of Skateboard 0.702270

eval mIoU of Table 0.840325

Epoch 186 test Accuracy: 0.936985 Class avg mIOU: 0.763070 Instance avg mIOU: 0.839407

epoch accuarcy: 0.9369853463402407

time consuming: 99s

mIOU: 0.8394073867967552

Best accuracy is: 0.94090

Best class avg mIOU is: 0.78116

Best instance avg mIOU is: 0.84842

Running Epoch: 187

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.47it/s]

eval mIoU of Airplane 0.859718

eval mIoU of Bag 0.785025

eval mIoU of Cap 0.664814

eval mIoU of Car 0.713234

eval mIoU of Chair 0.897779

eval mIoU of Earphone 0.516859

eval mIoU of Guitar 0.904104

eval mIoU of Knife 0.844162

eval mIoU of Lamp 0.778736

eval mIoU of Laptop 0.961990

eval mIoU of Motorbike 0.513440

eval mIoU of Mug 0.889662

eval mIoU of Pistol 0.841218

eval mIoU of Rocket 0.618091

eval mIoU of Skateboard 0.749043

eval mIoU of Table 0.839867

Epoch 187 test Accuracy: 0.938866 Class avg mIOU: 0.773609 Instance avg mIOU: 0.844248

epoch accuarcy: 0.9388661430481283

time consuming: 98s

mIOU: 0.8442476625307044

Best accuracy is: 0.94090

Best class avg mIOU is: 0.78116

Best instance avg mIOU is: 0.84842

Running Epoch: 188

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.47it/s]

eval mIoU of Airplane 0.843753

eval mIoU of Bag 0.765940

eval mIoU of Cap 0.676768

eval mIoU of Car 0.731583

eval mIoU of Chair 0.889874

eval mIoU of Earphone 0.494943

eval mIoU of Guitar 0.830932

eval mIoU of Knife 0.855329

eval mIoU of Lamp 0.794113

eval mIoU of Laptop 0.962530

eval mIoU of Motorbike 0.516049

eval mIoU of Mug 0.921959

eval mIoU of Pistol 0.835242

eval mIoU of Rocket 0.545469

eval mIoU of Skateboard 0.736623

eval mIoU of Table 0.848939

Epoch 188 test Accuracy: 0.936901 Class avg mIOU: 0.765628 Instance avg mIOU: 0.840915

epoch accuarcy: 0.9369010068516043

time consuming: 98s

mIOU: 0.8409149312785017

Best accuracy is: 0.94090

Best class avg mIOU is: 0.78116

Best instance avg mIOU is: 0.84842

Running Epoch: 189

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.47it/s]

eval mIoU of Airplane 0.855216

eval mIoU of Bag 0.777446

eval mIoU of Cap 0.672865

eval mIoU of Car 0.691884

eval mIoU of Chair 0.897897

eval mIoU of Earphone 0.535380

eval mIoU of Guitar 0.908717

eval mIoU of Knife 0.850455

eval mIoU of Lamp 0.773311

eval mIoU of Laptop 0.966107

eval mIoU of Motorbike 0.496268

eval mIoU of Mug 0.910255

eval mIoU of Pistol 0.842597

eval mIoU of Rocket 0.531420

eval mIoU of Skateboard 0.761480

eval mIoU of Table 0.841594

Epoch 189 test Accuracy: 0.938305 Class avg mIOU: 0.769556 Instance avg mIOU: 0.842679

epoch accuarcy: 0.9383050112800803

time consuming: 98s

mIOU: 0.8426785635133932

Best accuracy is: 0.94090

Best class avg mIOU is: 0.78116

Best instance avg mIOU is: 0.84842

Running Epoch: 190

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.45it/s]

eval mIoU of Airplane 0.860150

eval mIoU of Bag 0.787628

eval mIoU of Cap 0.745165

eval mIoU of Car 0.731035

eval mIoU of Chair 0.897090

eval mIoU of Earphone 0.542719

eval mIoU of Guitar 0.895274

eval mIoU of Knife 0.843971

eval mIoU of Lamp 0.756416

eval mIoU of Laptop 0.965296

eval mIoU of Motorbike 0.487190

eval mIoU of Mug 0.898485

eval mIoU of Pistol 0.846476

eval mIoU of Rocket 0.505273

eval mIoU of Skateboard 0.770639

eval mIoU of Table 0.826284

Epoch 190 test Accuracy: 0.937335 Class avg mIOU: 0.772443 Instance avg mIOU: 0.838486

epoch accuarcy: 0.9373349766042781

time consuming: 98s

mIOU: 0.8384855966483614

Best accuracy is: 0.94090

Best class avg mIOU is: 0.78116

Best instance avg mIOU is: 0.84842

Running Epoch: 191

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.45it/s]

eval mIoU of Airplane 0.849712

eval mIoU of Bag 0.754049

eval mIoU of Cap 0.706746

eval mIoU of Car 0.680933

eval mIoU of Chair 0.893289

eval mIoU of Earphone 0.556369

eval mIoU of Guitar 0.901029

eval mIoU of Knife 0.851801

eval mIoU of Lamp 0.753139

eval mIoU of Laptop 0.945209

eval mIoU of Motorbike 0.539863

eval mIoU of Mug 0.919064

eval mIoU of Pistol 0.835219

eval mIoU of Rocket 0.536712

eval mIoU of Skateboard 0.690642

eval mIoU of Table 0.845935

Epoch 191 test Accuracy: 0.937139 Class avg mIOU: 0.766232 Instance avg mIOU: 0.839188

epoch accuarcy: 0.9371386196524064

time consuming: 98s

mIOU: 0.8391882135249236

Best accuracy is: 0.94090

Best class avg mIOU is: 0.78116

Best instance avg mIOU is: 0.84842

Running Epoch: 192

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.15it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.45it/s]

eval mIoU of Airplane 0.856855

eval mIoU of Bag 0.768620

eval mIoU of Cap 0.682052

eval mIoU of Car 0.720427

eval mIoU of Chair 0.899393

eval mIoU of Earphone 0.495207

eval mIoU of Guitar 0.894125

eval mIoU of Knife 0.846938

eval mIoU of Lamp 0.757976

eval mIoU of Laptop 0.951136

eval mIoU of Motorbike 0.479436

eval mIoU of Mug 0.906360

eval mIoU of Pistol 0.812619

eval mIoU of Rocket 0.480426

eval mIoU of Skateboard 0.752294

eval mIoU of Table 0.843887

Epoch 192 test Accuracy: 0.938042 Class avg mIOU: 0.759235 Instance avg mIOU: 0.841914

epoch accuarcy: 0.9380423316343582

time consuming: 99s

mIOU: 0.8419141299672764

Best accuracy is: 0.94090

Best class avg mIOU is: 0.78116

Best instance avg mIOU is: 0.84842

Running Epoch: 193

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.46it/s]

eval mIoU of Airplane 0.849386

eval mIoU of Bag 0.797545

eval mIoU of Cap 0.478025

eval mIoU of Car 0.707847

eval mIoU of Chair 0.894343

eval mIoU of Earphone 0.581390

eval mIoU of Guitar 0.874808

eval mIoU of Knife 0.838609

eval mIoU of Lamp 0.760797

eval mIoU of Laptop 0.962831

eval mIoU of Motorbike 0.475296

eval mIoU of Mug 0.927275

eval mIoU of Pistol 0.854011

eval mIoU of Rocket 0.491511

eval mIoU of Skateboard 0.710875

eval mIoU of Table 0.843666

Epoch 193 test Accuracy: 0.936178 Class avg mIOU: 0.753013 Instance avg mIOU: 0.838553

epoch accuarcy: 0.9361782461564171

time consuming: 98s

mIOU: 0.8385533002541573

Best accuracy is: 0.94090

Best class avg mIOU is: 0.78116

Best instance avg mIOU is: 0.84842

Running Epoch: 194

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.43it/s]

eval mIoU of Airplane 0.857655

eval mIoU of Bag 0.758847

eval mIoU of Cap 0.769623

eval mIoU of Car 0.712053

eval mIoU of Chair 0.898375

eval mIoU of Earphone 0.562186

eval mIoU of Guitar 0.904429

eval mIoU of Knife 0.865025

eval mIoU of Lamp 0.775882

eval mIoU of Laptop 0.960706

eval mIoU of Motorbike 0.523642

eval mIoU of Mug 0.809116

eval mIoU of Pistol 0.842194

eval mIoU of Rocket 0.419369

eval mIoU of Skateboard 0.769629

eval mIoU of Table 0.841896

Epoch 194 test Accuracy: 0.938673 Class avg mIOU: 0.766914 Instance avg mIOU: 0.843782

epoch accuarcy: 0.9386731805648396

time consuming: 98s

mIOU: 0.8437817298264805

Best accuracy is: 0.94090

Best class avg mIOU is: 0.78116

Best instance avg mIOU is: 0.84842

Running Epoch: 195

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.45it/s]

eval mIoU of Airplane 0.856477

eval mIoU of Bag 0.784703

eval mIoU of Cap 0.706053

eval mIoU of Car 0.744933

eval mIoU of Chair 0.899083

eval mIoU of Earphone 0.488469

eval mIoU of Guitar 0.904555

eval mIoU of Knife 0.858348

eval mIoU of Lamp 0.800387

eval mIoU of Laptop 0.915647

eval mIoU of Motorbike 0.545475

eval mIoU of Mug 0.910531

eval mIoU of Pistol 0.856845

eval mIoU of Rocket 0.551035

eval mIoU of Skateboard 0.748249

eval mIoU of Table 0.843903

Epoch 195 test Accuracy: 0.938935 Class avg mIOU: 0.775918 Instance avg mIOU: 0.847937

epoch accuarcy: 0.938934554645722

time consuming: 98s

mIOU: 0.8479367329113218

Best accuracy is: 0.94090

Best class avg mIOU is: 0.78116

Best instance avg mIOU is: 0.84842

Running Epoch: 196

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.44it/s]

eval mIoU of Airplane 0.861829

eval mIoU of Bag 0.784893

eval mIoU of Cap 0.550695

eval mIoU of Car 0.711349

eval mIoU of Chair 0.889399

eval mIoU of Earphone 0.558972

eval mIoU of Guitar 0.874023

eval mIoU of Knife 0.862638

eval mIoU of Lamp 0.790892

eval mIoU of Laptop 0.961395

eval mIoU of Motorbike 0.463441

eval mIoU of Mug 0.917734

eval mIoU of Pistol 0.778887

eval mIoU of Rocket 0.470565

eval mIoU of Skateboard 0.713284

eval mIoU of Table 0.843995

Epoch 196 test Accuracy: 0.938352 Class avg mIOU: 0.752124 Instance avg mIOU: 0.841594

epoch accuarcy: 0.9383517505013369

time consuming: 98s

mIOU: 0.8415940450135597

Best accuracy is: 0.94090

Best class avg mIOU is: 0.78116

Best instance avg mIOU is: 0.84842

Running Epoch: 197

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.44it/s]

eval mIoU of Airplane 0.845073

eval mIoU of Bag 0.767232

eval mIoU of Cap 0.776919

eval mIoU of Car 0.727703

eval mIoU of Chair 0.882564

eval mIoU of Earphone 0.553353

eval mIoU of Guitar 0.880652

eval mIoU of Knife 0.841883

eval mIoU of Lamp 0.775018

eval mIoU of Laptop 0.951933

eval mIoU of Motorbike 0.559279

eval mIoU of Mug 0.906094

eval mIoU of Pistol 0.816249

eval mIoU of Rocket 0.485004

eval mIoU of Skateboard 0.722322

eval mIoU of Table 0.843826

Epoch 197 test Accuracy: 0.936041 Class avg mIOU: 0.770944 Instance avg mIOU: 0.838228

epoch accuarcy: 0.9360409007352941

time consuming: 98s

mIOU: 0.8382276856083283

Best accuracy is: 0.94090

Best class avg mIOU is: 0.78116

Best instance avg mIOU is: 0.84842

Running Epoch: 198

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.44it/s]

eval mIoU of Airplane 0.848444

eval mIoU of Bag 0.782342

eval mIoU of Cap 0.474631

eval mIoU of Car 0.708298

eval mIoU of Chair 0.887574

eval mIoU of Earphone 0.572482

eval mIoU of Guitar 0.906011

eval mIoU of Knife 0.840063

eval mIoU of Lamp 0.767529

eval mIoU of Laptop 0.964070

eval mIoU of Motorbike 0.520156

eval mIoU of Mug 0.898578

eval mIoU of Pistol 0.843683

eval mIoU of Rocket 0.562932

eval mIoU of Skateboard 0.748449

eval mIoU of Table 0.850051

Epoch 198 test Accuracy: 0.936004 Class avg mIOU: 0.760956 Instance avg mIOU: 0.841539

epoch accuarcy: 0.9360043449197861

time consuming: 98s

mIOU: 0.8415391927502777

Best accuracy is: 0.94090

Best class avg mIOU is: 0.78116

Best instance avg mIOU is: 0.84842

Running Epoch: 199

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.43it/s]

eval mIoU of Airplane 0.856278

eval mIoU of Bag 0.767798

eval mIoU of Cap 0.780151

eval mIoU of Car 0.739697

eval mIoU of Chair 0.893605

eval mIoU of Earphone 0.534720

eval mIoU of Guitar 0.910172

eval mIoU of Knife 0.848155

eval mIoU of Lamp 0.786213

eval mIoU of Laptop 0.961048

eval mIoU of Motorbike 0.503325

eval mIoU of Mug 0.908536

eval mIoU of Pistol 0.813319

eval mIoU of Rocket 0.557711

eval mIoU of Skateboard 0.726955

eval mIoU of Table 0.844578

Epoch 199 test Accuracy: 0.939267 Class avg mIOU: 0.777016 Instance avg mIOU: 0.845579

epoch accuarcy: 0.9392672125668449

time consuming: 98s

mIOU: 0.8455792882172414

Best accuracy is: 0.94090

Best class avg mIOU is: 0.78116

Best instance avg mIOU is: 0.84842

Running Epoch: 200

100%|█████████████████████████████████████████| 380/380 [01:31<00:00, 4.16it/s]

100%|███████████████████████████████████████████| 59/59 [00:06<00:00, 9.43it/s]

eval mIoU of Airplane 0.860512

eval mIoU of Bag 0.790650

eval mIoU of Cap 0.504965

eval mIoU of Car 0.733122

eval mIoU of Chair 0.892905

eval mIoU of Earphone 0.500642

eval mIoU of Guitar 0.903704

eval mIoU of Knife 0.842369

eval mIoU of Lamp 0.777334

eval mIoU of Laptop 0.965399

eval mIoU of Motorbike 0.517684

eval mIoU of Mug 0.896919

eval mIoU of Pistol 0.833646

eval mIoU of Rocket 0.598618

eval mIoU of Skateboard 0.748865

eval mIoU of Table 0.850244

Epoch 200 test Accuracy: 0.939668 Class avg mIOU: 0.763599 Instance avg mIOU: 0.846888

epoch accuarcy: 0.9396682820855615

time consuming: 98s

mIOU: 0.8468881270334174

Best accuracy is: 0.94090

Best class avg mIOU is: 0.78116

Best instance avg mIOU is: 0.84842

Process finished with exit code 0