epoch 0, lr 0.025000: 100% 500/500 [10:43<00:00, 1.29s/it, loss=2.561586]

loss for train : 3.737816

epoch 1, lr 0.024567: 100% 500/500 [02:45<00:00, 3.02it/s, loss=1.940513]

loss for train : 2.446331

epoch 2, lr 0.024133: 100% 500/500 [02:45<00:00, 3.02it/s, loss=1.618803]

loss for train : 2.055193

epoch 3, lr 0.023698: 100% 500/500 [02:46<00:00, 3.00it/s, loss=1.393718]

loss for train : 1.760418

epoch 4, lr 0.023262: 100% 500/500 [02:44<00:00, 3.03it/s, loss=1.125876]

loss for train : 1.547164

epoch 5, lr 0.022826: 100% 500/500 [02:44<00:00, 3.05it/s, loss=1.012682]

loss for train : 1.379880

epoch 6, lr 0.022388: 100% 500/500 [02:44<00:00, 3.04it/s, loss=1.020831]

loss for train : 1.309145

epoch 7, lr 0.021950: 100% 500/500 [02:43<00:00, 3.05it/s, loss=0.894225]

loss for train : 1.189036

epoch 8, lr 0.021510: 100% 500/500 [02:43<00:00, 3.05it/s, loss=0.878603]

loss for train : 1.126192

epoch 9, lr 0.021070: 100% 500/500 [02:43<00:00, 3.05it/s, loss=0.732574]

loss for train : 1.020697

epoch 10, lr 0.020628: 100% 500/500 [02:45<00:00, 3.02it/s, loss=0.691268]

loss for train : 0.931978

start val!

precision per pixel for test: 0.616

mIoU for validation: 0.222

epoch 11, lr 0.020186: 100% 500/500 [02:47<00:00, 2.99it/s, loss=0.619161]

loss for train : 0.844921

epoch 12, lr 0.019742: 100% 500/500 [02:46<00:00, 3.01it/s, loss=0.572021]

loss for train : 0.787499

epoch 13, lr 0.019297: 100% 500/500 [02:46<00:00, 3.00it/s, loss=0.521328]

loss for train : 0.737931

epoch 14, lr 0.018851: 100% 500/500 [02:45<00:00, 3.03it/s, loss=0.505530]

loss for train : 0.700112

epoch 15, lr 0.018404: 100% 500/500 [02:44<00:00, 3.03it/s, loss=0.463215]

loss for train : 0.669818

epoch 16, lr 0.017956: 100% 500/500 [02:45<00:00, 3.03it/s, loss=0.440041]

loss for train : 0.649734

epoch 17, lr 0.017506: 100% 500/500 [02:44<00:00, 3.03it/s, loss=0.409492]

loss for train : 0.632662

epoch 18, lr 0.017056: 100% 500/500 [02:45<00:00, 3.03it/s, loss=0.394143]

loss for train : 0.619558

epoch 19, lr 0.016603: 100% 500/500 [02:45<00:00, 3.02it/s, loss=0.377501]

loss for train : 0.599413

epoch 20, lr 0.016150: 100% 500/500 [02:46<00:00, 3.01it/s, loss=0.357533]

loss for train : 0.581820

start val!

precision per pixel for test: 0.595

mIoU for validation: 0.214

epoch 21, lr 0.015695: 100% 500/500 [02:45<00:00, 3.01it/s, loss=0.344788]

loss for train : 0.560877

epoch 22, lr 0.015239: 100% 500/500 [02:44<00:00, 3.04it/s, loss=0.330989]

loss for train : 0.544505

epoch 23, lr 0.014781: 100% 500/500 [02:44<00:00, 3.04it/s, loss=0.322365]

loss for train : 0.532929

epoch 24, lr 0.014321: 100% 500/500 [02:44<00:00, 3.05it/s, loss=0.315843]

loss for train : 0.523392

epoch 25, lr 0.013860: 100% 500/500 [02:45<00:00, 3.03it/s, loss=0.309468]

loss for train : 0.515861

epoch 26, lr 0.013397: 100% 500/500 [02:45<00:00, 3.03it/s, loss=0.302057]

loss for train : 0.505431

epoch 27, lr 0.012933: 100% 500/500 [02:44<00:00, 3.04it/s, loss=0.301668]

loss for train : 0.497719

epoch 28, lr 0.012466: 100% 500/500 [02:43<00:00, 3.05it/s, loss=0.305026]

loss for train : 0.488449

epoch 29, lr 0.011998: 100% 500/500 [02:44<00:00, 3.04it/s, loss=0.302010]

loss for train : 0.479686

epoch 30, lr 0.011527: 100% 500/500 [02:44<00:00, 3.03it/s, loss=0.289071]

loss for train : 0.472337

start val!

precision per pixel for test: 0.638

mIoU for validation: 0.235

epoch 31, lr 0.011054: 100% 500/500 [02:45<00:00, 3.03it/s, loss=0.280137]

loss for train : 0.463493

epoch 32, lr 0.010579: 100% 500/500 [02:44<00:00, 3.05it/s, loss=0.275716]

loss for train : 0.454973

epoch 33, lr 0.010102: 100% 500/500 [02:44<00:00, 3.05it/s, loss=0.272352]

loss for train : 0.446979

epoch 34, lr 0.009622: 100% 500/500 [02:44<00:00, 3.05it/s, loss=0.270878]

loss for train : 0.438408

epoch 35, lr 0.009140: 100% 500/500 [02:43<00:00, 3.05it/s, loss=0.265876]

loss for train : 0.430311

epoch 36, lr 0.008655: 100% 500/500 [02:44<00:00, 3.03it/s, loss=0.257663]

loss for train : 0.423368

epoch 37, lr 0.008166: 100% 500/500 [02:45<00:00, 3.03it/s, loss=0.251886]

loss for train : 0.417358

epoch 38, lr 0.007675: 100% 500/500 [02:44<00:00, 3.03it/s, loss=0.247328]

loss for train : 0.411611

epoch 39, lr 0.007179: 100% 500/500 [02:44<00:00, 3.04it/s, loss=0.243115]

loss for train : 0.406234

epoch 40, lr 0.006680: 100% 500/500 [02:44<00:00, 3.05it/s, loss=0.241149]

loss for train : 0.402126

start val!

precision per pixel for test: 0.606

mIoU for validation: 0.218

epoch 41, lr 0.006177: 100% 500/500 [02:44<00:00, 3.05it/s, loss=0.240015]

loss for train : 0.398592

epoch 42, lr 0.005669: 100% 500/500 [02:43<00:00, 3.05it/s, loss=0.238522]

loss for train : 0.395946

epoch 43, lr 0.005157: 100% 500/500 [02:44<00:00, 3.04it/s, loss=0.236555]

loss for train : 0.393412

epoch 44, lr 0.004638: 100% 500/500 [02:43<00:00, 3.05it/s, loss=0.234813]

loss for train : 0.391559

epoch 45, lr 0.004113: 100% 500/500 [02:45<00:00, 3.02it/s, loss=0.233228]

loss for train : 0.389911

epoch 46, lr 0.003580: 100% 500/500 [02:45<00:00, 3.02it/s, loss=0.232327]

loss for train : 0.388525

epoch 47, lr 0.003038: 100% 500/500 [02:44<00:00, 3.04it/s, loss=0.232080]

loss for train : 0.387180

epoch 48, lr 0.002485: 100% 500/500 [02:44<00:00, 3.04it/s, loss=0.231936]

loss for train : 0.385979

epoch 49, lr 0.001918: 100% 500/500 [02:43<00:00, 3.05it/s, loss=0.231640]

loss for train : 0.384942

epoch 50, lr 0.001332: 100% 500/500 [02:44<00:00, 3.05it/s, loss=0.230998]

loss for train : 0.384140

start val!

precision per pixel for test: 0.623

mIoU for validation: 0.220

epoch 51, lr 0.000714: 100% 500/500 [02:43<00:00, 3.05it/s, loss=0.230433]

loss for train : 0.383394