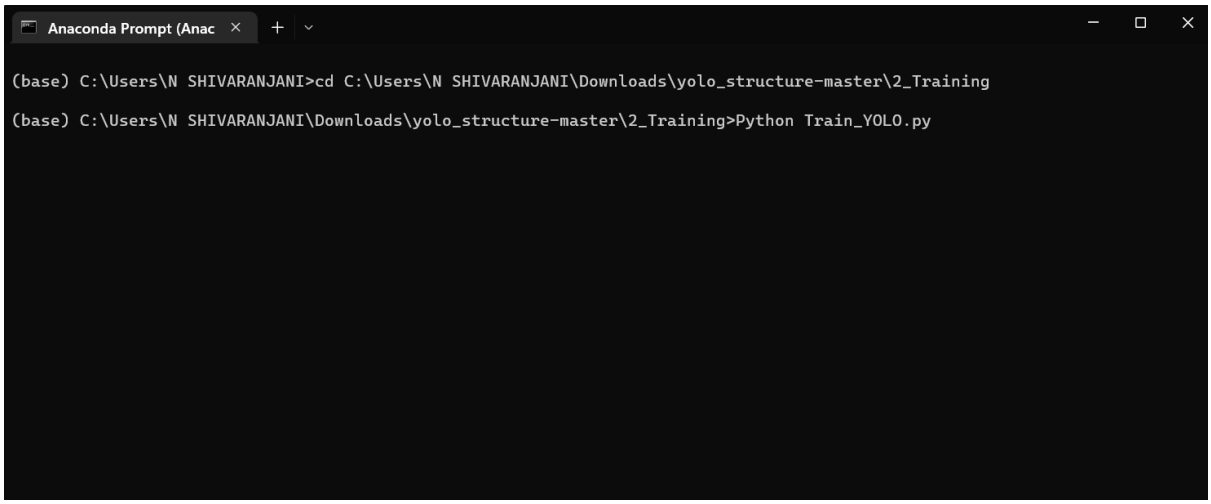
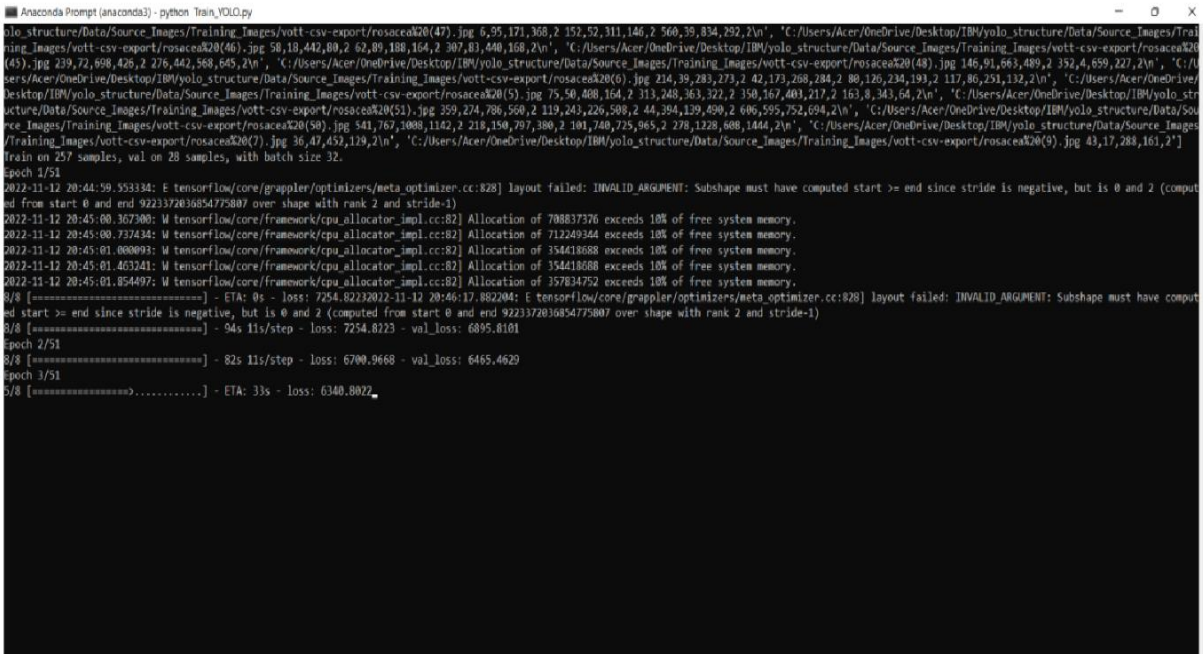
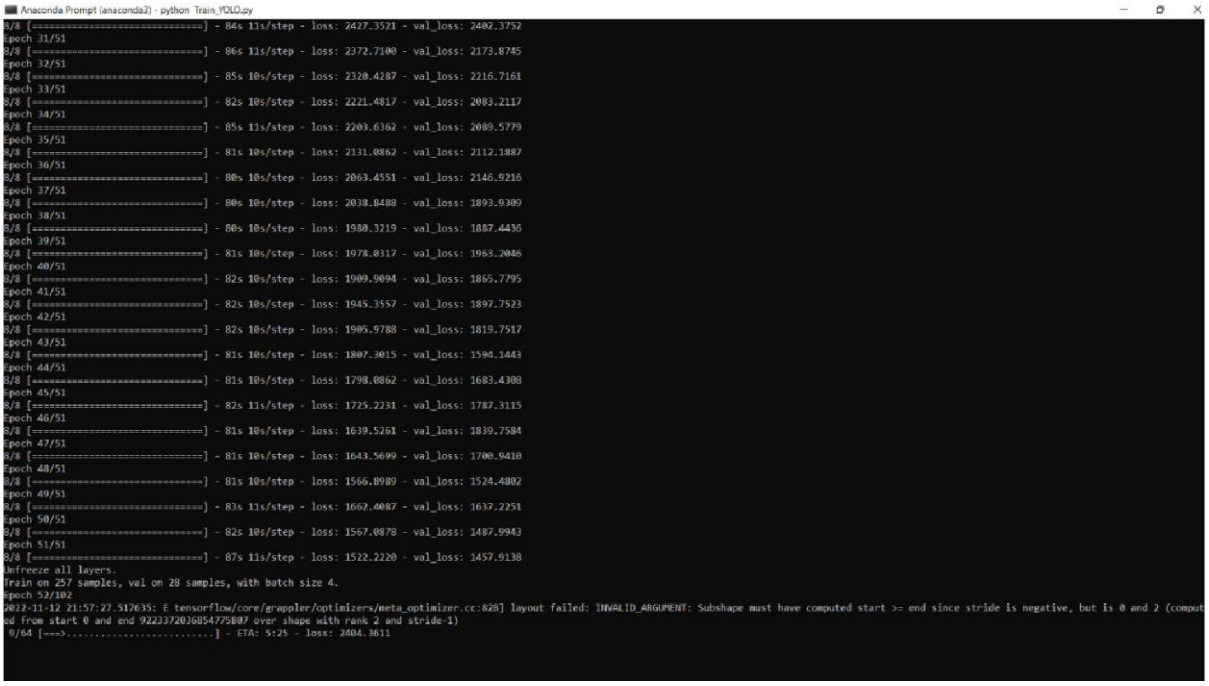
Train_YOLO.py

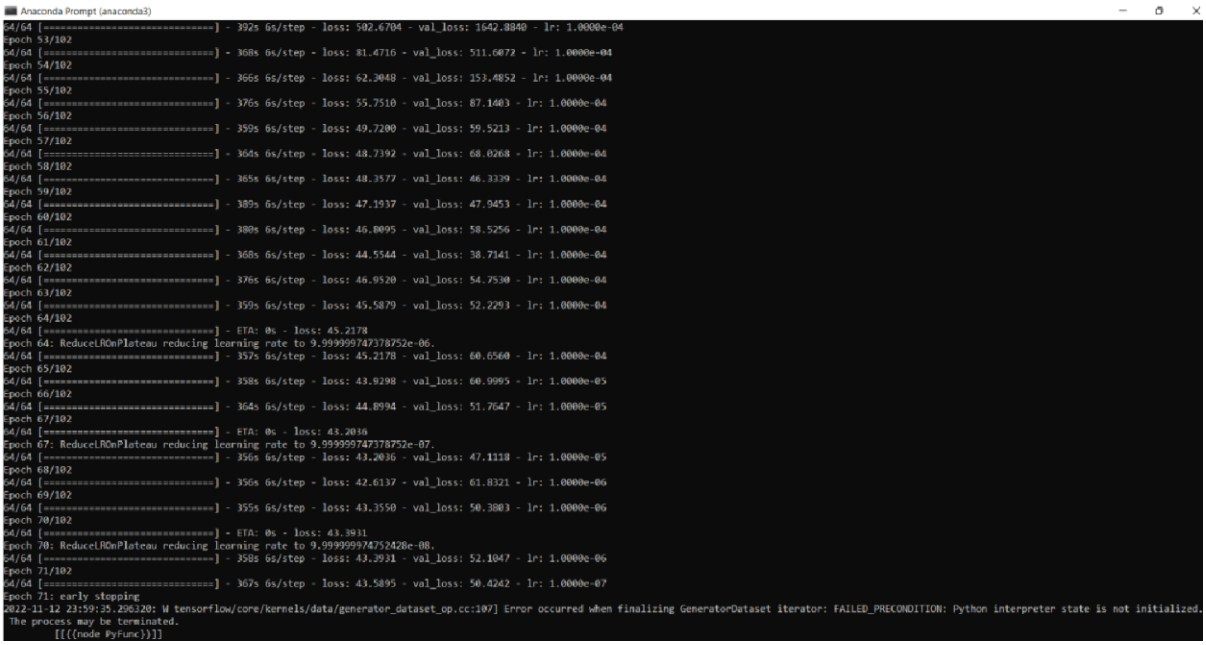
Step 1:



Step 2:




Anaconda Prompt (anaconda3) - python Train_YOLO.py
8/8 [==========] - 84s 11s/step - loss: 2427.3521 - val_loss: 2402.3752
Epoch 31/51
8/8 [==========] - 86s 11s/step - loss: 2372.7100 - val_loss: 2173.8745
Epoch 32/51
8/8 [==========] - 85s 10s/step - loss: 2320.4287 - val_loss: 2216.7161
Epoch 33/51
8/8 [==========] - 82s 10s/step - loss: 2221.4817 - val_loss: 2083.2117
Epoch 34/51
8/8 [==========] - 85s 11s/step - loss: 2203.6362 - val_loss: 2089.5779
Epoch 35/51
8/8 [==========] - 81s 10s/step - loss: 2131.0862 - val_loss: 2112.1887
Epoch 36/51
8/8 [==========] - 80s 10s/step - loss: 2063.4551 - val_loss: 2146.9216
Epoch 37/51
8/8 [==========] - 80s 10s/step - loss: 2038.8488 - val_loss: 1893.9309
Epoch 38/51
8/8 [==========] - 80s 10s/step - loss: 1980.3219 - val_loss: 1887.4436
Epoch 39/51
8/8 [==========] - 81s 10s/step - loss: 1978.0317 - val_loss: 1963.2046
Epoch 40/51
8/8 [==========] - 82s 10s/step - loss: 1909.9094 - val_loss: 1865.7795
Epoch 41/51
8/8 [==========] - 82s 10s/step - loss: 1945.3557 - val_loss: 1897.7523
Epoch 42/51
8/8 [==========] - 82s 10s/step - loss: 1905.9788 - val_loss: 1819.7517
Epoch 43/51
8/8 [==========] - 81s 10s/step - loss: 1807.3015 - val_loss: 1594.1443
Epoch 44/51
8/8 [==========] - 81s 10s/step - loss: 1798.0862 - val_loss: 1683.4308
Epoch 45/51
8/8 [==========] - 82s 11s/step - loss: 1725.2231 - val_loss: 1787.3115
Epoch 46/51
8/8 [==========] - 81s 10s/step - loss: 1639.5261 - val_loss: 1839.7584
Epoch 47/51
8/8 [==========] - 81s 10s/step - loss: 1643.5699 - val_loss: 1700.9410
Epoch 48/51
8/8 [==========] - 81s 10s/step - loss: 1566.0989 - val_loss: 1524.4802
Epoch 49/51
8/8 [==========] - 83s 11s/step - loss: 1662.4087 - val_loss: 1637.2251
Epoch 50/51
8/8 [==========] - 82s 10s/step - loss: 1567.0878 - val_loss: 1487.9943
Epoch 51/51
8/8 [==========] - 87s 11s/step - loss: 1522.2220 - val_loss: 1457.9138
Unfreeze all layers.
Train on 257 samples, val on 28 samples, with batch size 4.
Epoch 52/102
2022-11-12 21:57:27.512635: E tensorflow/core/grappler/optimizers/meta_optimizer.cc:828] layout failed: INVALID_ARGUMENT: Subshape must have computed start >= end since stride is negative, but is 0 and 2 (comput
ed from start 0 and end 9223372036854775807 over shape with rank 2 and stride-1)
 0/64 [>.....] - ETA: 5:25 - loss: 2404.3611


Anaconda Prompt (anaconda3)
64/64 [==========] - 392s 6s/step - loss: 502.6704 - val_loss: 1642.8840 - lr: 1.0000e-04
Epoch 53/102
64/64 [==========] - 368s 6s/step - loss: 81.4716 - val_loss: 511.6072 - lr: 1.0000e-04
Epoch 54/102
64/64 [==========] - 366s 6s/step - loss: 62.3048 - val_loss: 153.4852 - lr: 1.0000e-04
Epoch 55/102
64/64 [==========] - 376s 6s/step - loss: 55.7510 - val_loss: 87.1403 - lr: 1.0000e-04
Epoch 56/102
64/64 [==========] - 359s 6s/step - loss: 49.7200 - val_loss: 59.5213 - lr: 1.0000e-04
Epoch 57/102
64/64 [==========] - 364s 6s/step - loss: 48.7392 - val_loss: 68.0268 - lr: 1.0000e-04
Epoch 58/102
64/64 [==========] - 365s 6s/step - loss: 48.3577 - val_loss: 46.3339 - lr: 1.0000e-04
Epoch 59/102
64/64 [==========] - 389s 6s/step - loss: 47.1937 - val_loss: 47.9453 - lr: 1.0000e-04
Epoch 60/102
64/64 [==========] - 380s 6s/step - loss: 46.8095 - val_loss: 58.5256 - lr: 1.0000e-04
Epoch 61/102
64/64 [==========] - 368s 6s/step - loss: 44.5544 - val_loss: 38.7141 - lr: 1.0000e-04
Epoch 62/102
64/64 [==========] - 376s 6s/step - loss: 46.9520 - val_loss: 54.7530 - lr: 1.0000e-04
Epoch 63/102
64/64 [==========] - 359s 6s/step - loss: 45.5879 - val_loss: 52.2293 - lr: 1.0000e-04
Epoch 64/102
64/64 [==========] - ETA: 0s - loss: 45.2178
Epoch 64: ReduceLROnPlateau reducing learning rate to 9.999999747378752e-06.
64/64 [==========] - 357s 6s/step - loss: 45.2178 - val_loss: 60.6560 - lr: 1.0000e-04
Epoch 65/102
64/64 [==========] - 358s 6s/step - loss: 43.9298 - val_loss: 60.9995 - lr: 1.0000e-05
Epoch 66/102
64/64 [==========] - 364s 6s/step - loss: 44.8994 - val_loss: 51.7647 - lr: 1.0000e-05
Epoch 67/102
64/64 [==========] - ETA: 0s - loss: 43.2036
Epoch 67: ReduceLROnPlateau reducing learning rate to 9.999999747378752e-07.
64/64 [==========] - 356s 6s/step - loss: 43.2036 - val_loss: 47.1118 - lr: 1.0000e-05
Epoch 68/102
64/64 [==========] - 356s 6s/step - loss: 42.6137 - val_loss: 61.8321 - lr: 1.0000e-06
Epoch 69/102
64/64 [==========] - 355s 6s/step - loss: 43.3550 - val_loss: 50.3803 - lr: 1.0000e-06
Epoch 70/102
64/64 [==========] - ETA: 0s - loss: 43.3931
Epoch 70: ReduceLROnPlateau reducing learning rate to 9.999999974752428e-08.
64/64 [==========] - 358s 6s/step - loss: 43.3931 - val_loss: 52.1047 - lr: 1.0000e-06
Epoch 71/102
64/64 [==========] - 367s 6s/step - loss: 43.5895 - val_loss: 50.4242 - lr: 1.0000e-07
Epoch 71: early stopping
2022-11-12 23:59:35.296320: W tensorflow/core/kernels/data/generator_dataset_op.cc:107] Error occurred when finalizing GeneratorDataset iterator: FAILED_PRECONDITION: Python interpreter state is not initialized.
 The process may be terminated.
         [[{{node PyFunc}}]]