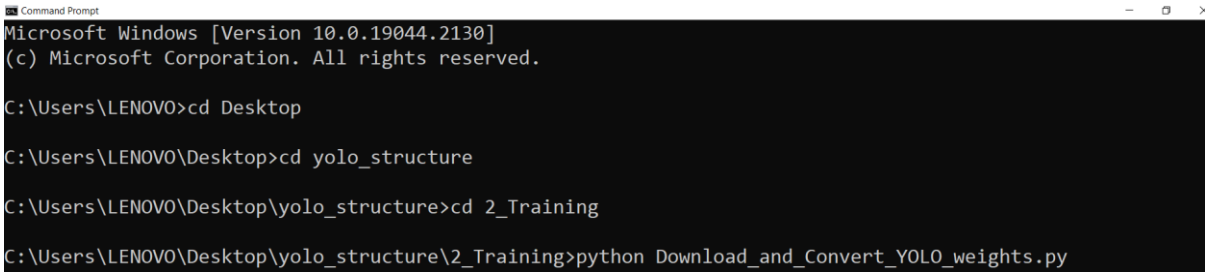
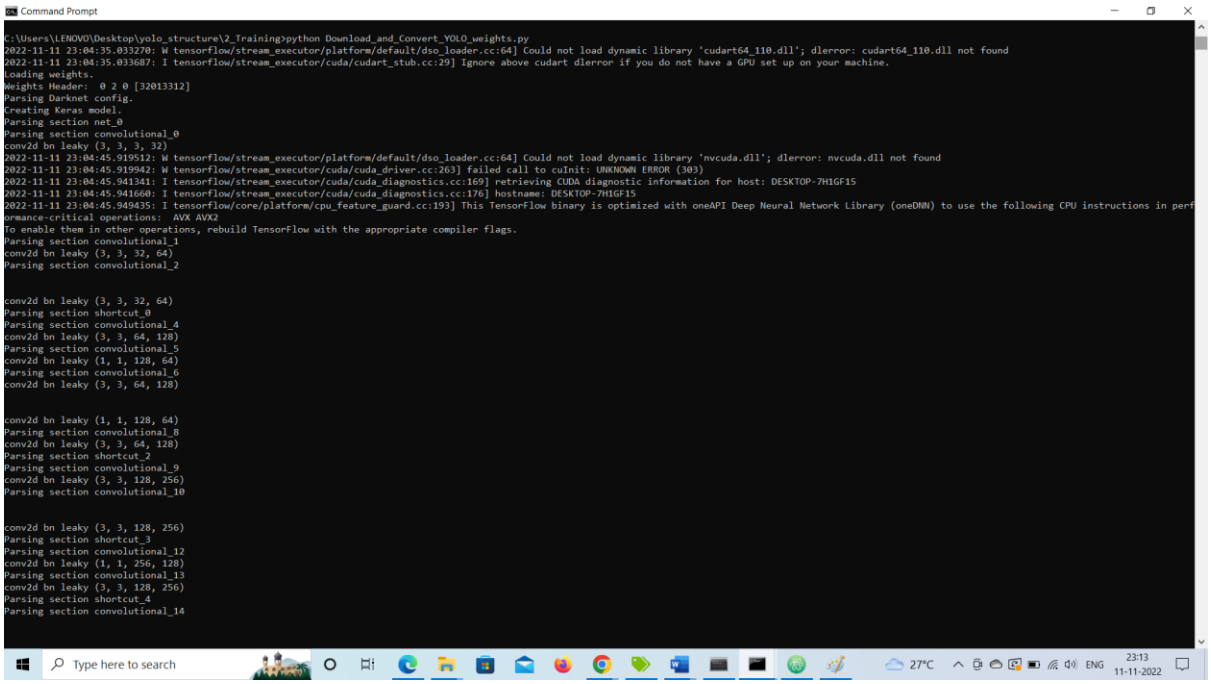
Train YOLOv3 Detector

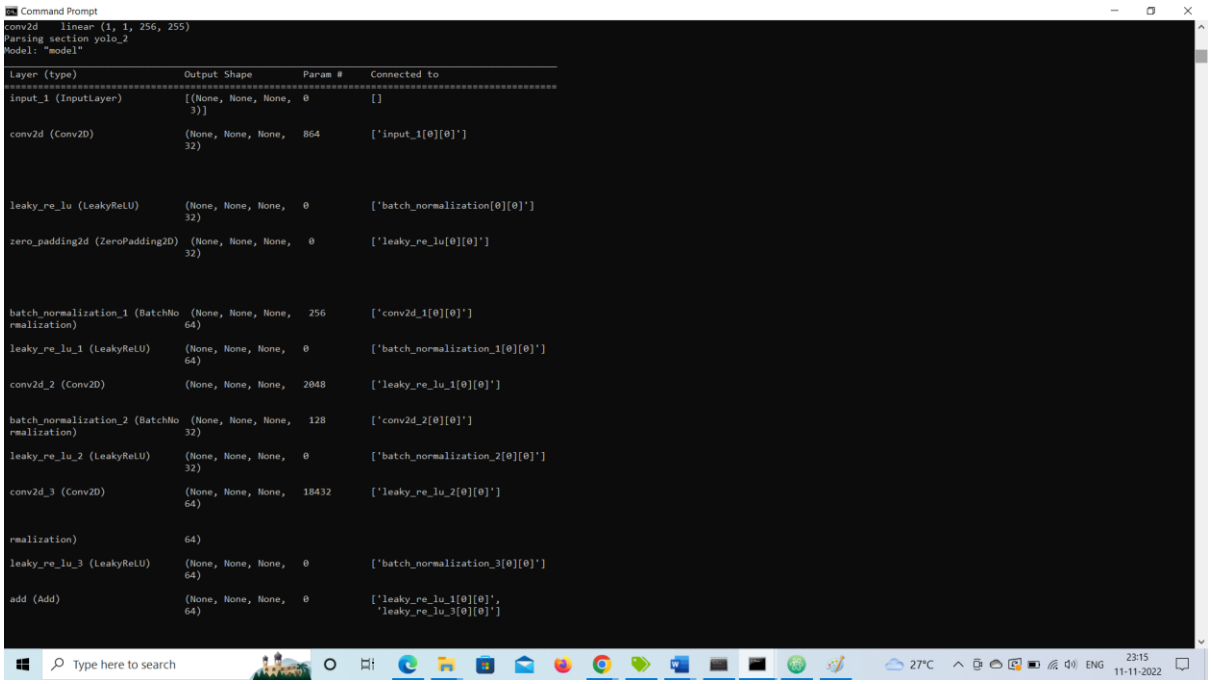
Date	12 November 2022
Team ID	PNT2022TMID01254
Project Name	AI - based localization and classification of skin disease with erythema

Step 1:



Step 2:




Command Prompt
conv2d linear (1, 1, 256, 255)
Parsing section yolo_2
Model: "model"
Layer (type) Output Shape Param # Connected to
input_1 (InputLayer) [(None, None, None, 3)] 0 []
conv2d (Conv2D) (None, None, None, 32) 864 ['input_1[0][0]']
leaky_re_lu (LeakyReLU) (None, None, None, 32) 0 ['batch_normalization[0][0]']
zero_padding2d (ZeroPadding2D) (None, None, None, 32) 0 ['leaky_re_lu[0][0]']
batch_normalization_1 (BatchNo rmalization) (None, None, None, 64) 256 ['conv2d_1[0][0]']
leaky_re_lu_1 (LeakyReLU) (None, None, None, 64) 0 ['batch_normalization_1[0][0]']
conv2d_2 (Conv2D) (None, None, None, 64) 2048 ['leaky_re_lu_1[0][0]']
batch_normalization_2 (BatchNo rmalization) (None, None, None, 32) 128 ['conv2d_2[0][0]']
leaky_re_lu_2 (LeakyReLU) (None, None, None, 32) 0 ['batch_normalization_2[0][0]']
conv2d_3 (Conv2D) (None, None, None, 64) 18432 ['leaky_re_lu_2[0][0]']
rmalization) 64)
leaky_re_lu_3 (LeakyReLU) (None, None, None, 64) 0 ['batch_normalization_3[0][0]']
add (Add) (None, None, None, 64) 0 ['leaky_re_lu_1[0][0]', 'leaky_re_lu_3[0][0]']
Type here to search
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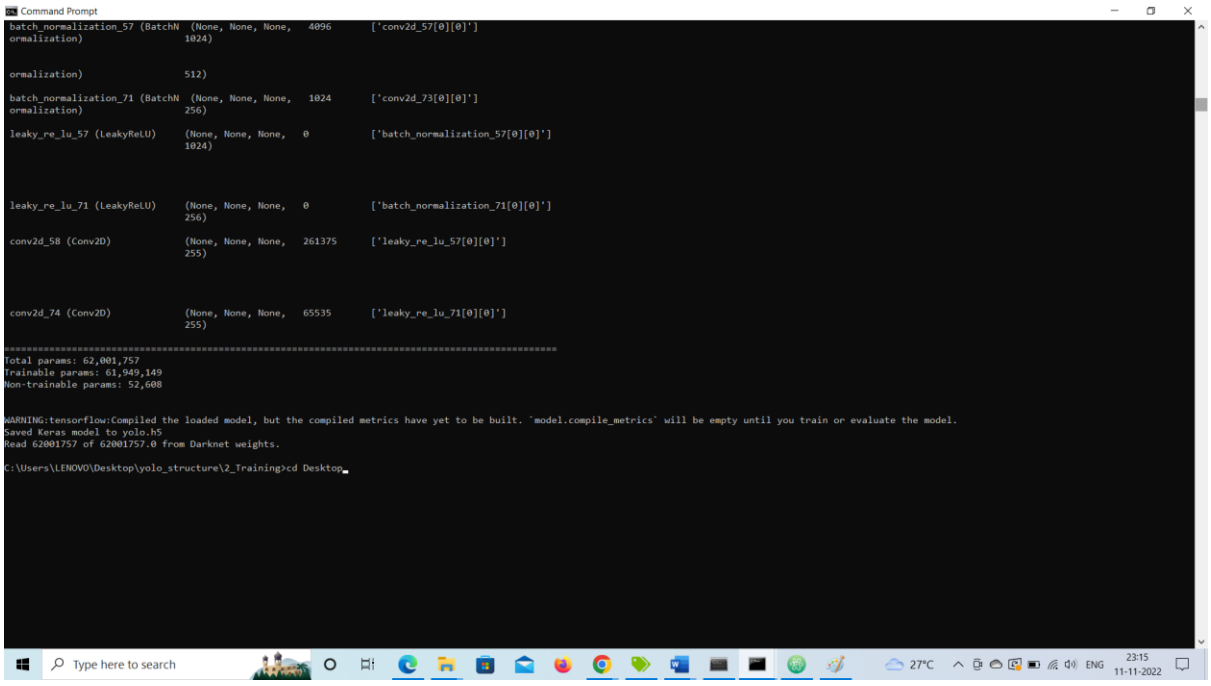
11-11-2022


Command Prompt
batch_normalization_57 (BatchN ormalization) (None, None, None, 1024) 4096 ['conv2d_57[0][0]']
ormalization) 512)
batch_normalization_71 (BatchN ormalization) (None, None, None, 256) 1024 ['conv2d_73[0][0]']
leaky_re_lu_57 (LeakyReLU) (None, None, None, 1024) 0 ['batch_normalization_57[0][0]']
leaky_re_lu_71 (LeakyReLU) (None, None, None, 256) 0 ['batch_normalization_71[0][0]']
conv2d_58 (Conv2D) (None, None, None, 255) 261375 ['leaky_re_lu_57[0][0]']
conv2d_74 (Conv2D) (None, None, None, 255) 65535 ['leaky_re_lu_71[0][0]']
Total params: 62,001,757
Trainable params: 61,949,149
Non-trainable params: 52,608
WARNING:tensorflow:Compiled the loaded model, but the compiled metrics have yet to be built. `model.compile_metrics` will be empty until you train or evaluate the model.
Saved Keras model to yolo.h5
Read 62001757 of 62001757.0 from Darknet weights.
C:\Users\LENOVO\Desktop\yolo_structure\2_Training>cd Desktop
Type here to search
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ENG
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11-11-2022