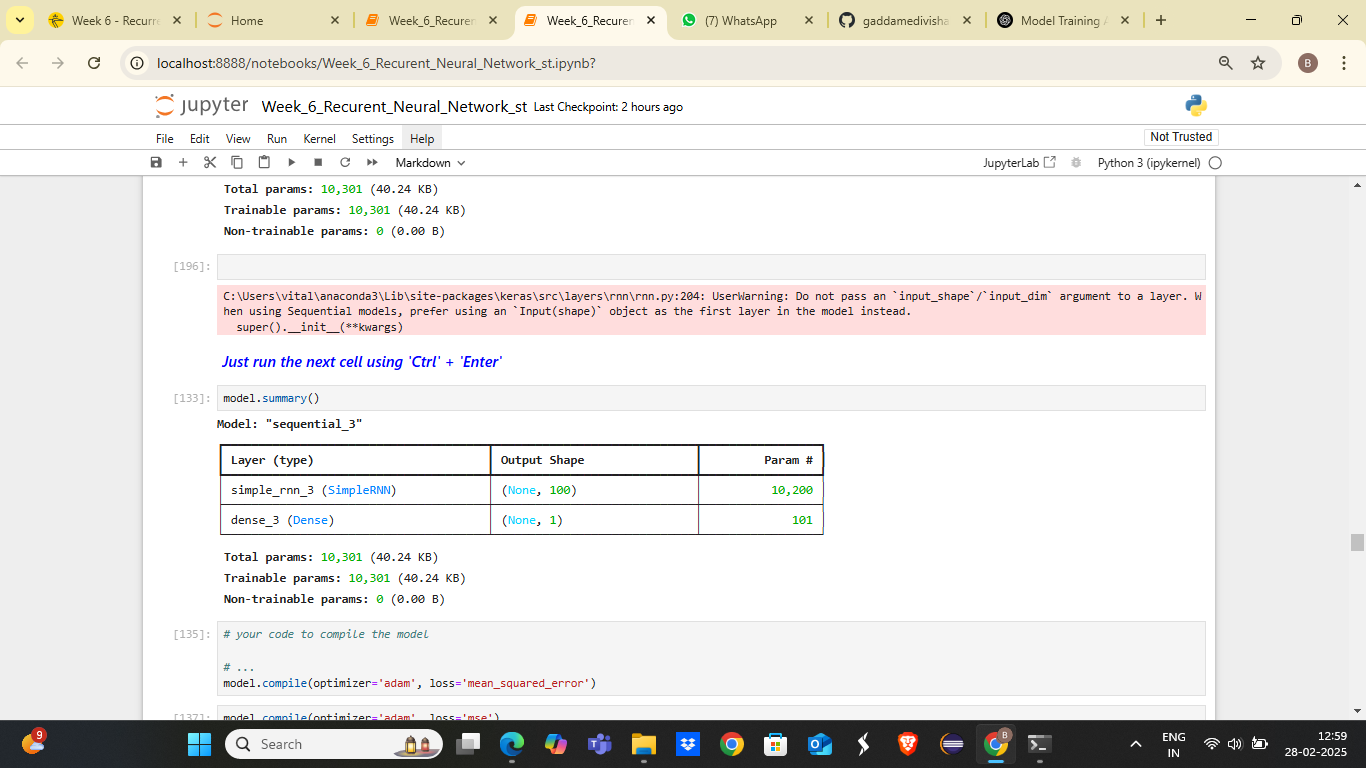
Lab-4 :

1.Model Summary:



2.early-stop code and history\_2 fit-training-process:

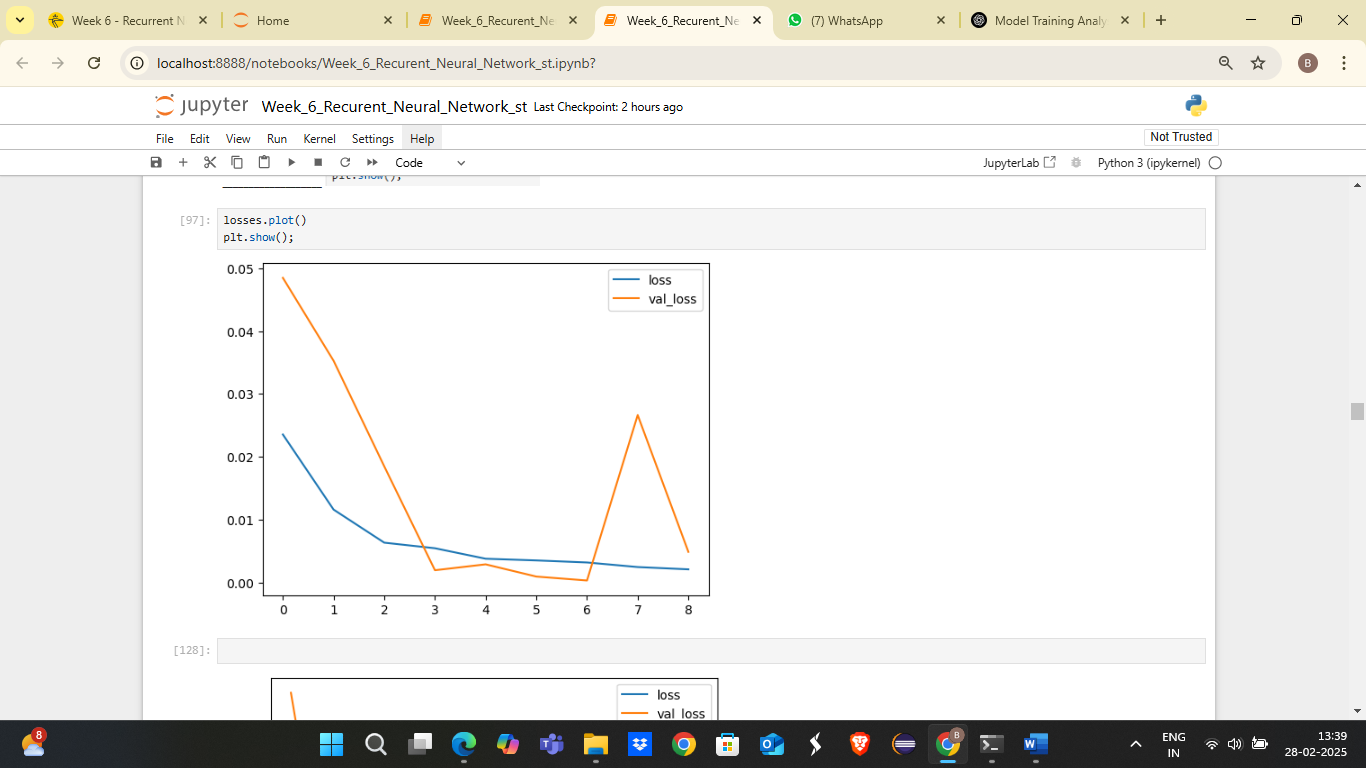
early\_stop = EarlyStopping(mo nitor='val\_loss',patience=2)

history\_2 = model.fit(generator, epochs=30,

validation\_data=validation\_generator,

callbacks=[early\_stop])

3.The plot of validation and test loss of history\_2:



4.determine the optimal number of epochs for training your model:

