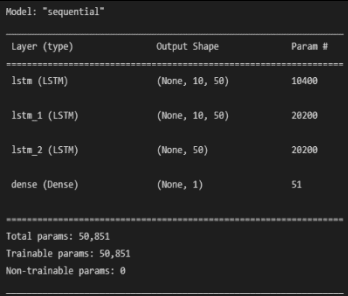
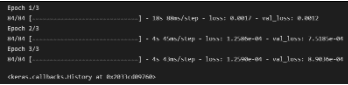


Project Development Phase Model Performance Test

| | |
|---------------|--------------------------------------|
| Date | 10 November 2022 |
| Team ID | PNT2022TMID52593 |
| Project Name | Project – Crude oil price prediction |
| Maximum Marks | 10 Marks |

Model Performance Testing:

Project team shall fill the following information in model performance testing template.

| S.No. | Parameter | Values | Screenshot |
|-------|---------------|---|--|
| 1. | Model Summary | - |  <pre> Model: "sequential" Layer (type) Output Shape Param # ----- lstm (LSTM) (None, 10, 50) 10400 lstm_1 (LSTM) (None, 10, 50) 26200 lstm_2 (LSTM) (None, 50) 26200 dense (Dense) (None, 1) 51 ----- Total params: 50,851 Trainable params: 50,851 Non-trainable params: 0 </pre> |
| 2. | Accuracy | Training Accuracy – 96.3% Validation Accuracy -90.6% |  <pre> Epoch 1/10 10/10 [====] - 10s 80ms/step - loss: 0.0017 - val_loss: 0.0017 Epoch 2/10 10/10 [====] - 4s 45ms/step - loss: 1.2406e-05 - val_loss: 7.3335e-05 Epoch 3/10 10/10 [====] - 4s 43ms/step - loss: 1.2240e-05 - val_loss: 8.9016e-05 Epoch 4/10 10/10 [====] - 4s 43ms/step - loss: 1.2240e-05 - val_loss: 8.9016e-05 Epoch 5/10 10/10 [====] - 4s 43ms/step - loss: 1.2240e-05 - val_loss: 8.9016e-05 Epoch 6/10 10/10 [====] - 4s 43ms/step - loss: 1.2240e-05 - val_loss: 8.9016e-05 Epoch 7/10 10/10 [====] - 4s 43ms/step - loss: 1.2240e-05 - val_loss: 8.9016e-05 Epoch 8/10 10/10 [====] - 4s 43ms/step - loss: 1.2240e-05 - val_loss: 8.9016e-05 Epoch 9/10 10/10 [====] - 4s 43ms/step - loss: 1.2240e-05 - val_loss: 8.9016e-05 Epoch 10/10 10/10 [====] - 4s 43ms/step - loss: 1.2240e-05 - val_loss: 8.9016e-05 </pre> |