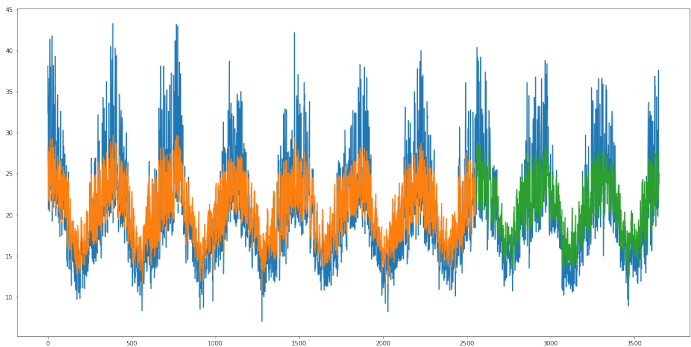
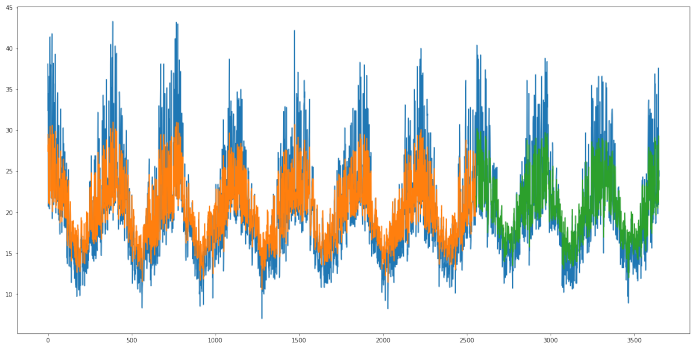
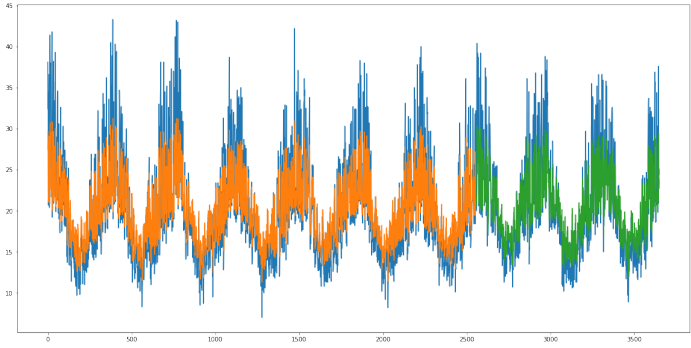


Results:

The Table below shows the result of training and testing the prediction models. Comparing the performance of the models based on Test error we can conclude that all prediction models have quite the same results. This is because the dataset was quite simple and has small size, so LSTM models performed well in analyzing the time series sequence.

For all the experiments: batch_size = 1 , epochs=10 and look_back=1

| | Train Loss | Test RMSE | Results Plot |
|---------------------------|------------|-----------|--|
| Regression | 0.0126 | 4.07 |  |
| LSTM | 0.0127 | 4.04 |  |
| Bidirectional LSTM | 0.0129 | 4.03 |  |