LAB Logbook

Week 12

```
1 # Your code of parameter modification
2 time_steps = 20
3 hidden_units = 4
4 epochs = 58
5 patience = 18
```

```
1 # Continue your code according to the Lab Logbook Requirements ...
2 es = EarlyStopping(monitor='val_loss', mode='min', verbose=1, patience=patience)
3 mc = ModelCheckpoint('best_attention_model.keras', monitor='val_loss', mode='min', verbose=1, save_best_only=True)
```

```
1 history_3 = model_attention_2.fit(trainX, trainY, epochs=epochs, batch_size=1, verbose=1,
2                                   validation_split=0.2, callbacks=[es, mc])
```

```
[50]   1 train_mse_attn = Best_attention_model.evaluate(trainX, trainY,)
       2 test_mse_attn = Best_attention_model.evaluate(testX, testY)
```

```
26/26 ──────────────── 1s 12ms/step - loss: 7.6395e-05
12/12 ──────────────── 0s 22ms/step - loss: 2.8109e-05
```


Loss (MSE) graph for the 3 models together during the training process