```
peft_trainer.train()
```


[1250/1250 47:47, Epoch 5/5]

Step	Training Loss	Validation Loss
25	1.407100	0.547509

a) Accuracy for Base model:0.48

    Accuracy for fine tuned model: 0.681

b) Time taken for training - 47mins

c)

```
trainable model parameters: 262364160
all model parameters: 1521392640
percentage of trainable model parameters: 17.24%
```

After Qlora:

```
trainable model parameters: 20971520
all model parameters: 1542364160
percentage of trainable model parameters: 1.36%
```

d) Resources - Colab(T4 GPU)

16GB GPU and 60GB disk

e)