

1. Minimum threshold at which there is no error.

Ans:- 5 is the Minimum threshold at which there is no error.

2. Bias and weight printed for each training cycle.

```
bias : -0.002
weight : [0.002 0.001]
bias : -0.002
weight : [0.002 0.001]
bias : -0.002
weight : [0.002 0.001]
bias : -0.002
weight : [0.002 0.001]
bias : -0.002
weight : [0.002 0.001]
bias : -0.002
weight : [0.002 0.001]
bias : -0.002
weight : [0.002 0.001]
bias : -0.002
weight : [0.002 0.001]
bias : -0.002
weight : [0.002 0.001]
bias : -0.002
weight : [0.002 0.001]
bias : -0.002
weight : [0.002 0.001]
```

3. What is a effect of change in learning rate?

4. Take a 3 input and train for 6 input set and predict for rest 2.

```
bias : -0.002
weight : [ 0.003 0.002 -0.002]
bias : -0.002
weight : [ 0.003 0.002 -0.002]
bias : -0.002
weight : [ 0.003 0.002 -0.002]
bias : -0.002
weight : [ 0.003 0.002 -0.002]
bias : -0.002
weight : [ 0.003 0.002 -0.002]
bias : -0.002
weight : [ 0.003 0.002 -0.002]
bias : -0.002
weight : [ 0.003 0.002 -0.002]
bias : -0.002
weight : [ 0.003 0.002 -0.002]
bias : -0.002
weight : [ 0.003 0.002 -0.002]
bias : -0.002
weight : [ 0.003 0.002 -0.002]
bias : -0.002
weight : [ 0.003 0.002 -0.002]
bias : -0.002
weight : [ 0.003 0.002 -0.002]
```

Python console History

Kite: ready

conda: base (Python 3.7.6)

Line 20, Col 23

UTF-8

CRLF

RW

Mem 53%