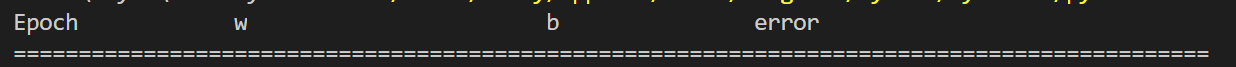
**GRADIENT DESCENT**

**Initial Values:**

W: -2

B: -2

Eta: 1.0











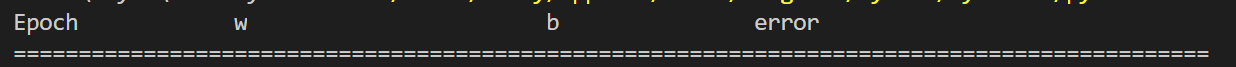


**Threshold**

After a certain epoch the error minimizes making it quite close to zero, though not exactly zero it approaches towards zero.

**Change in Learning rate**

Eta: 2.0



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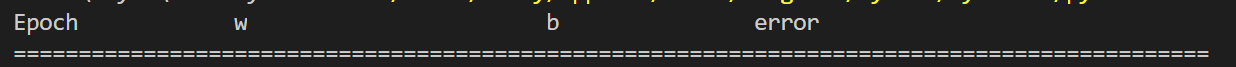
**Conclusion**

Increasing the learning rate gives lower error at much lower epoch.

**Change in Weight and Bias**

W: -1

B: -1







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**Conclusion**

Decreasing the weights and bias gives lower error at much lower epoch.

