Q1. Create a graph of epoch (x axis) vs. average error (y-axis)

Q2. Use the neural network to learn the function and test it using the **10 fold cross validation method.**

=== 10-fold Cross-validation ===

Correctly Classified Instances 99 99 %

Incorrectly Classified Instances 1 1 %

Kappa statistic 0.98

Mean absolute error 0.005

Root mean squared error 0.0707

Relative absolute error 1.9623 %

Root relative squared error 19.9926 %

Total Number of Instances 100

**And Gate**

**Or Gate**

**Nand Gate**

**Nor Gate**

**XOR Gate**