

Forward Pass

1. Input to hidden layer:
 - a. 0.08
 - b. 0.225
2. Activation function:
 - a. 0.08
 - b. 0.225
3. Hidden to output layer:
 - a. 0.0235
 - b. 0.5059
4. Loss calculation:
 - a. 0.022

Backward Pass

1. Identify the difference:
 - a. 0.0941
2. Adjust output layer weights
 - a. 0.300752
 - b. -0.100474
3. Adjust hidden layer weights:
 - a. 0.1505
 - b. -0.2005
 - c. 0.2505
 - d. 0.1995
4. What has changed:
 - a. The new output value (0.5059) is closer to the target output value (0.6) than the previous output (0.5)