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W1✓ W7✓
W2✓ W8✓
W3✓ bW1✓
W4✓ bW2✓
W5✓ bW3✓
W6✓ bW4✓

Total Error = .21105
Output 1 = .5934
Output 2 = .7353

SE C1 = $(0 - .5934)^2 = .5934^2 = .3521$
SE C2 = $(1 - .7353)^2 = .2647^2 = .070$
SE = .3521 + .070 = .4221
SE = $1/2 \cdot .4221 = .21105$ total error

Part 1 W5 W6 W7 W8

$\frac{\partial E}{\partial W} = (z - t) * (1 - z)$ out

$\frac{\partial E}{\partial W_5} = (.5934 - 0) * .5934(1 - .5934) \cdot .7020$

$(.5934)(.24127644)(.7020)$

.1005

$\frac{\partial E}{\partial W_6} = (.7353 - 1) \cdot (.7353)(1 - .7353) \cdot .7020$

$= (-.2647) \cdot (.194639) \cdot .7020$

$= -.03616$