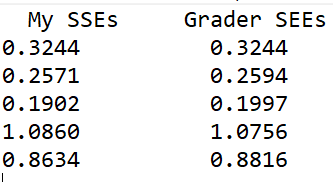
Outputs // Connor Penrod

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  |  |  |  | | --- | --- | --- | --- | --- | | Hidden layer  weights | | **From Input Node** | |  | | *x1* | *x2* | *x3* | | **To Hidden Node** | *w1(1)* | 1.5349 | -0.2592 | .2477 | | *w2(1)* | -0.9087 | 2.3567 | -0.9095 | | *w3(1)* | 0.0508 | 1.6202 | -0.8395 | | *w4(1)* | -0.1626 | 1.9615 | -0.6493 | | *w5(1)* | --0.1480 | 1.9507 | -0.8260 | | *w6(1)* | -0.1514 | 2.1887 | 0.4294 | | *w7(1)* | 1.5707 | -0.2201 | -0.0283 | | *w8(1)* | -0.2706 | 1.8074 | -0.5350 | | *w9(1)* | -0.2391 | 2.0989 | -0.3960 | | *w10(1)* | 0.1822 | 1.6837 | -0.5082 | |  | *w11(1)* | 0.1469 | 1.3000 | 0.6758 | | |  |  | | --- | --- | | Hidden layer biases | | | **Node** | **Bias** | | *b1(1)* | 1.9128 | | *b2(1)* | 2.0003 | | *b3(1)* | 1.9675 | | *b4(1)* | 1.6314 | | *b5(1)* | 1.4681 | | *b6(1)* | 1.6536 | | *b7(1)* | 1.7731 | | *b8(1)* | 1.2255 | | *b9(1)* | 1.4949 | | *b10(1)* | 2.2661 | | *b11(1)* | 1.7496 | | |  |  | | --- | --- | | Output biases | | | **Node** | **Bias** | | *b1(2)* | 0.0630 | | *b2(2)* | -0.2020 | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Output layer  weights | | **From Hidden Node** | | | | | | | | | | |  | |
| *y1(1)* | *y2(1)* | *y3(1)* | *y4(1)* | *y5(1)* | *y6(1)* | *y7(1)* | *y8(1)* | *y9(1)* | *y10(1)* | *y11(1)* | |
| **To Output Node** | *w1(2)* | 0.2501 | -0.7925 | -0.0802 | -0.1323 | 0.0253 | -0.4256 | 0.1969 | 0.2265 | -0.1665 | -0.6048 | 0.2461 | |
|  | *w2(2)* | -0.4006 | 0.7673 | 0.0463 | -0.0644 | 0.0032 | 0.6433 | 0.1761 | 0.0151 | 0.0560 | 0.3170 | -0.1440 | |

Sum of square errors for entire epoch: 172.6

Note: I’m that student with 1/0 oscillating error problem. I fixed that, but my network is still *slightly* wrong.

 These are my first 5 SSEs compared to

yours. It deviates slightly, and that

deviation grows as the epoch runs. \_ Couldn’t figure out the problem.