

Python 3.8.5 (tags/v3.8.5:580fbb0, Jul 20 2020, 15:43:08) [MSC v.1926 32 bit (Intel)] on win32

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>>>

===== RESTART: E:\Sem-6\AI & ML Lab\TW-3\TW3.py =====

OR Gate:

Epoch	X1	X2	Expected_Y	Actual_Y	Error	w1	w2
1	0	0	0	0	0	-0.2	0.4
1	0	1	1	1	0	-0.2	0.4
1	1	0	1	0	1	0.0	0.4
1	1	1	1	1	0	0.0	0.4
2	0	0	0	0	0	0.0	0.4
2	0	1	1	1	0	0.0	0.4
2	1	0	1	0	1	0.2	0.4
2	1	1	1	1	0	0.2	0.4
3	0	0	0	0	0	0.2	0.4
3	0	1	1	1	0	0.2	0.4
3	1	0	1	1	0	0.2	0.4
3	1	1	1	1	0	0.2	0.4

AND Gate:

Epoch	X1	X2	Expected_Y	Actual_Y	Error	w1	w2
1	0	0	0	0	0	1.2	0.6
1	0	1	0	0	0	1.2	0.6
1	1	0	0	1	-1	0.7	0.6
1	1	1	1	1	0	0.7	0.6
2	0	0	0	0	0	0.7	0.6
2	0	1	0	0	0	0.7	0.6
2	1	0	0	0	0	0.7	0.6
2	1	1	1	1	0	0.7	0.6

NOT Gate:

Epoch	X1	Expected_Y	Actual_Y	Error	w1
1	0	1	1	0	-0.04
1	1	0	1	-1	-0.54
2	0	1	1	0	-0.54
2	1	0	0	0	-0.54