NOR (3 input)

S.No	X1	X2	X3	Z	W1i	W2i	W3i	B	Y	Q	D	W1f	W2f	W3f
				Expected Output					(X1*W1)+(X2*W2)+(X3*W3)Bias	IF (Y >= 0.5, then 1, else 0)	Y-Q	W1+(0.1*X1*D)	W2+(0.1*X2*D)	W3+(0.1*X3*D)
1	0	0	0	1	-0.5	-0.6	-0.7	1	1	1	0	-0.5	-0.6	-0.7
2	0	0	1	0	-0.5	-0.6	-0.7	1	0.3	0	0	-0.5	-0.6	-0.7
3	0	1	0	0	-0.5	-0.6	-0.7	1	0.4	0	0	-0.5	-0.6	-0.7
4	0	1	1	0	-0.5	-0.6	-0.7	1	-0.3	0	0	-0.5	-0.6	-0.7
5	1	0	0	0	-0.5	-0.6	-0.7	1	0.5	1	-1	-0.6	-0.6	-0.7
6	1	0	1	0	-0.6	-0.6	-0.7	1	-0.3	0	0	-0.6	-0.6	-0.7
7	1	1	0	0	-0.6	-0.6	-0.7	1	-0.2	0	0	-0.6	-0.6	-0.7
8	1	1	1	0	-0.6	-0.6	-0.7	1	-0.9	0	0	-0.6	-0.6	-0.7
9	0	0	0	1	-0.6	-0.6	-0.7	1	1	1	0	-0.6	-0.6	-0.7
10	0	0	1	0	-0.6	-0.6	-0.7	1	0.3	0	0	-0.6	-0.6	-0.7
11	0	1	0	0	-0.6	-0.6	-0.7	1	0.4	0	0	-0.6	-0.6	-0.7
12	0	1	1	0	-0.6	-0.6	-0.7	1	-0.3	0	0	-0.6	-0.6	-0.7
13	1	0	0	0	-0.6	-0.6	-0.7	1	0.4	0	0	-0.6	-0.6	-0.7
14	1	0	1	0	-0.6	-0.6	-0.7	1	-0.3	0	0	-0.6	-0.6	-0.7
15	1	1	0	0	-0.6	-0.6	-0.7	1	-0.2	0	0	-0.6	-0.6	-0.7
16	1	1	1	0	-0.6	-0.6	-0.7	1	-0.9	0	0	-0.6	-0.6	-0.7

NAND (3 input)

S.No	X1	X2	X3	Z	W1i	W2i	W3i	B	Y	Q	D	W1f	W2f	W3f
				Expected Output					(X1*W1)+(X2*W2)+(X3*W3)Bias	IF (Y >= 0.5, then 1, else 0)	Y-Q	W1+(0.1*X1*D)	W2+(0.1*X2*D)	W3+(0.1*X3*D)
1	0	0	0	1	-0.7	-0.8	-0.9	3	3	1	0	-0.7	-0.8	-0.9
2	0	0	1	1	-0.7	-0.8	-0.9	3	2.1	1	0	-0.7	-0.8	-0.9
3	0	1	0	1	-0.7	-0.8	-0.9	3	2.2	1	0	-0.7	-0.8	-0.9
4	0	1	1	1	-0.7	-0.8	-0.9	3	1.3	1	0	-0.7	-0.8	-0.9
5	1	0	0	1	-0.7	-0.8	-0.9	3	2.3	1	0	-0.7	-0.8	-0.9
6	1	0	1	1	-0.7	-0.8	-0.9	3	1.4	1	0	-0.7	-0.8	-0.9
7	1	1	0	1	-0.7	-0.8	-0.9	3	1.5	1	0	-0.7	-0.8	-0.9
8	1	1	1	0	-0.7	-0.8	-0.9	3	0.6	1	-1	-0.8	-0.9	-1
9	0	0	0	1	-0.8	-0.9	-1	3	3	1	0	-0.8	-0.9	-1
10	0	0	1	1	-0.8	-0.9	-1	3	2	1	0	-0.8	-0.9	-1
11	0	1	0	1	-0.8	-0.9	-1	3	2.1	1	0	-0.8	-0.9	-1
12	0	1	1	1	-0.8	-0.9	-1	3	1.1	1	0	-0.8	-0.9	-1
13	1	0	0	1	-0.8	-0.9	-1	3	2.2	1	0	-0.8	-0.9	-1
14	1	0	1	1	-0.8	-0.9	-1	3	1.2	1	0	-0.8	-0.9	-1
15	1	1	0	1	-0.8	-0.9	-1	3	1.3	1	0	-0.8	-0.9	-1
16	1	1	1	0	-0.8	-0.9	-1	3	0.3	0	0	-0.8	-0.9	-1

OR (3 input)

S.No	X1	X2	X3	Z	W1i	W2i	W3i	B	Y	Q	D	W1f	W2f	W3f
				Expected Output					(X1*W1)+(X2*W2)+(X3*W3)Bias	IF (Y >= 0.5, then 1, else 0)	Y-Q	W1+(0.1*X1*D)	W2+(0.1*X2*D)	W3+(0.1*X3*D)
1	0	0	0	0	0.4	0.5	0.6	0	0	0	0	0.4	0.5	0.6
2	0	0	1	1	0.4	0.5	0.6	0	0.6	1	0	0.4	0.5	0.6
3	0	1	0	1	0.4	0.5	0.6	0	0.5	1	0	0.4	0.5	0.6
4	0	1	1	1	0.4	0.5	0.6	0	1.1	1	0	0.4	0.5	0.6
5	1	0	0	1	0.4	0.5	0.6	0	0.4	0	1	0.5	0.5	0.6
6	1	0	1	1	0.5	0.5	0.6	0	1.1	1	0	0.5	0.5	0.6
7	1	1	0	1	0.5	0.5	0.6	0	1	1	0	0.5	0.5	0.6
8	1	1	1	1	0.5	0.5	0.6	0	1.6	1	0	0.5	0.5	0.6
9	0	0	0	0	0.5	0.5	0.6	0	0	0	0	0.5	0.5	0.6
10	0	0	1	1	0.5	0.5	0.6	0	0.6	1	0	0.5	0.5	0.6
11	0	1	0	1	0.5	0.5	0.6	0	0.5	1	0	0.5	0.5	0.6
12	0	1	1	1	0.5	0.5	0.6	0	1.1	1	0	0.5	0.5	0.6
13	1	0	0	1	0.5	0.5	0.6	0	0.5	1	0	0.5	0.5	0.6
14	1	0	1	1	0.5	0.5	0.6	0	1.1	1	0	0.5	0.5	0.6
15	1	1	0	1	0.5	0.5	0.6	0	1	1	0	0.5	0.5	0.6
16	1	1	1	1	0.5	0.5	0.6	0	1.6	1	0	0.5	0.5	0.6

AND (3 input)

S.No	X1	X2	X3	Z	W1i	W2i	W3i	B	Y	Q	D	W1f	W2f	W3f
				Expected Output					(X1*W1)+(X2*W2)+(X3*W3)Bias	IF (Y >= 0.5, then 1, else 0)	Y-Q	W1+(0.1*X1*D)	W2+(0.1*X2*D)	W3+(0.1*X3*D)
1	0	0	0	0	0.1	0.1	0.1	0	0	0	0	0.1	0.1	0.1
2	0	0	1	0	0.1	0.1	0.1	0	0.1	0	0	0.1	0.1	0.1
3	0	1	0	0	0.1	0.1	0.1	0	0.1	0	0	0.1	0.1	0.1
4	0	1	1	0	0.1	0.1	0.1	0	0.2	0	0	0.1	0.1	0.1
5	1	0	0	0	0.1	0.1	0.1	0	0.1	0	0	0.1	0.1	0.1
6	1	0	1	0	0.1	0.1	0.1	0	0.2	0	0	0.1	0.1	0.1
7	1	1	0	0	0.1	0.1	0.1	0	0.2	0	0	0.1	0.1	0.1
8	1	1	1	1	0.1	0.1	0.1	0	0.3	0	1	0.2	0.2	0.2
9	0	0	0	0	0.2	0.2	0.2	0	0	0	0	0.2	0.2	0.2
10	0	0	1	0	0.2	0.2	0.2	0	0.2	0	0	0.2	0.2	0.2
11	0	1	0	0	0.2	0.2	0.2	0	0.2	0	0	0.2	0.2	0.2
12	0	1	1	0	0.2	0.2	0.2	0	0.4	0	0	0.2	0.2	0.2
13	1	0	0	0	0.2	0.2	0.2	0	0.2	0	0	0.2	0.2	0.2
14	1	0	1	0	0.2	0.2	0.2	0	0.4	0	0	0.2	0.2	0.2
15	1	1	0	0	0.2	0.2	0.2	0	0.4	0	0	0.2	0.2	0.2
16	1	1	1	1	0.2	0.2	0.2	0	0.6	1	0	0.2	0.2	0.2