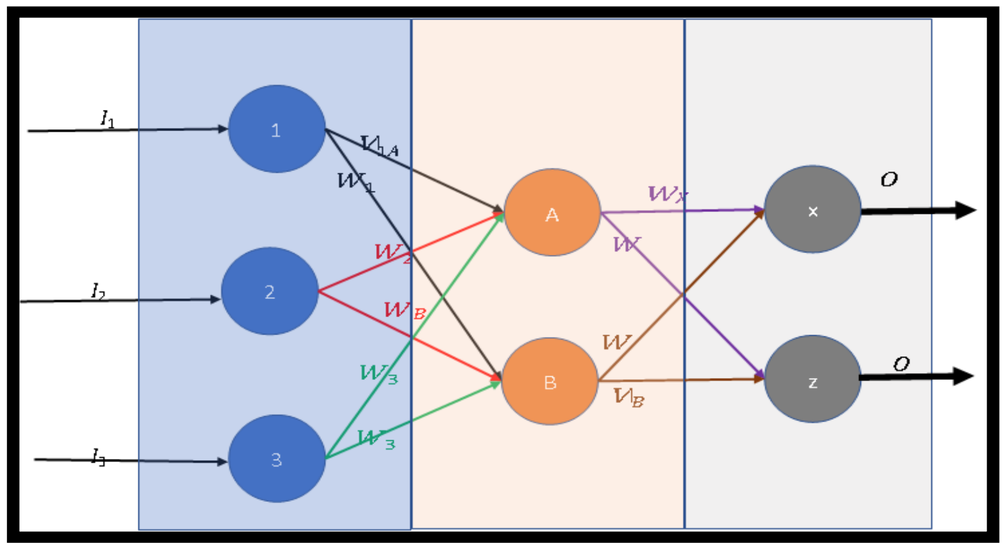
INPUT	
From/To	Input
xx	1
1	0.4
2	0.2
3	0.7

INPUT TO HIDDEN LAYER		
From/To	A	B
xx	0.5	0.7
1	0.6	0.9
2	0.8	0.8
3	0.6	0.4

HIDDEN TO OUTPUT LAYER		
From/To	X	Z
xx	0.5	-0.5
A	0.9	-0.85
B	0.9	-0.85

ACTUAL OUTPUT
0.8
0.2



[redacted]

INPUT LAYER TO HIDDEN		
From/to	A	Wx
xx	0.5	0.5
1	0.6	0.24
2	0.8	0.16
3	0.6	0.42
	y = Wx+B	1.32
	Sigmoid(y)	0.789

INPUT LAYER TO HIDDEN		
From/to	B	Wx
xx	0.7	0.7
1	0.9	0.36
2	0.8	0.16
3	0.4	0.28
	y = Wx+B	1.5
	Sigmoid(y)	0.817574

HIDDEN LAYER TO OUTPUT		
From/To	X	Wx
xx	0.5	0.5
A	0.9	0.710264
B	0.9	0.735817
	y = Wx+B	1.946081
	Sigmoid(y)	0.875019

HIDDEN LAYER TO OUTPUT		
From/To	Z	Wx
xx	-0.5	-0.5
A	-0.85	-0.6708
B	-0.85	-0.69494
	y = Wx+B	-1.86574
	Sigmoid(y)	0.134035

d(error)/d(X)	0.150037
d(error)/d(Z)	-0.13193
d(X)	0.109361
d(Z)	0.11607
d(HA)	0.166374
d(HB)	0.149146

Learning Rate	0.1

Node	ERROR
X	0.002814
Z	0.002176
Total	**0.00499**

Derivation of Error	
d(error)/d()	value
Wax	0.012949
Wbx	0.013415
Waz	-0.01208
Wbz	-0.01252
W1	0.001459
W2	0.00073
W3	0.002554
W4	0.001355
W5	0.000678
W6	0.002372
B4	-0.01531
B3	0.016408
B2	0.003388
B1	0.003648

OUTPUT LAYER WEIGHT UPDATE		
From/ To	X	New Wt
A	0.9	0.898705
B	0.9	0.898659
xx	0.5	0.498359
	Z	
A	-0.85	-0.84879
B	-0.85	-0.84875
xx	-0.5	-0.49847
	A	
1	0.6	0.599854
2	0.8	0.799927
3	0.6	0.599745
xx	0.5	0.499635
	B	
1	0.9	0.899864
2	0.8	0.799932
3	0.4	0.399763
xx	0.7	0.699661

INPUT LAYER TO HIDDEN		
From/to	A	Wx
xx	0.499635	0.499635
1	0.599745	0.239898
2	0.799927	0.159985
3	0.599854	0.419898
	y = Wx+B	1.319416
	Sigmoid(y)	0.789085

INPUT LAYER TO HIDDEN		
From/to	B	Wx
xx	0.699661	0.699661
1	0.399763	0.159905
2	0.799932	0.159986
3	0.899864	0.629905
	y = Wx+B	1.649458
	Sigmoid(y)	0.838818

HIDDEN LAYER TO OUTPUT		
From/To	X	Wx
xx	0.498359	0.498359
A	0.789085	0.709154
B	0.838818	0.753811
	y = Wx+B	1.961324
	Sigmoid(y)	0.876676

HIDDEN LAYER TO OUTPUT		
From/To	Z	Wx
xx	-0.49847	-0.49847
A	0.789085	-0.66977
B	0.838818	-0.71194
	y = Wx+B	-1.88018
	Sigmoid(y)	0.132368