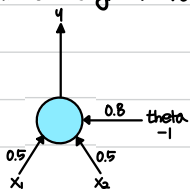


AND		
x	y	xy
0	0	0
0	1	0
1	0	0
1	1	1

1. 강의노트처럼 weight 학습의 변화 과정을 표로 작성

x1	x2	T	O	delta_w1	w1	delta_w2	w2	delta_w3	w3
0	0	0	0	0	0.1	0	0.5	0	0.8
0	1	0	0	0	0.1	0	0.5	0	0.8
1	0	0	0	0	0.1	0	0.5	0	0.8
1	1	1	0	0.2	0.3	0.2	0.7	-0.2	0.6
0	0	0	0	0	0.3	0	0.7	0	0.6
0	1	0	1	0	0.3	-0.2	0.5	0.2	0.8
1	0	0	0	0	0.3	0	0.5	0	0.8
1	1	1	0	0.2	0.5	0.2	0.7	-0.2	0.6
0	0	0	0	0	0.5	0	0.7	0	0.6
0	1	0	1	0	0.5	-0.2	0.5	0.2	0.8
1	0	0	0	0	0.5	0	0.5	0	0.8
1	1	1	1	0	0.5	0	0.5	0	0.8
0	0	0	0	0	0.5	0	0.5	0	0.8
0	1	0	0	0	0.5	0	0.5	0	0.8
1	0	0	0	0	0.5	0	0.5	0	0.8
1	1	1	1	0	0.5	0	0.5	0	0.8

2. 최종 weight이 학습된 perceptron 작성



$$(y=) 0.5x_1 + 0.5x_2 + 0.8 = 0$$

$$y=1 \text{ if } 0.5x_1 + 0.5x_2 + 0.8 > 0$$