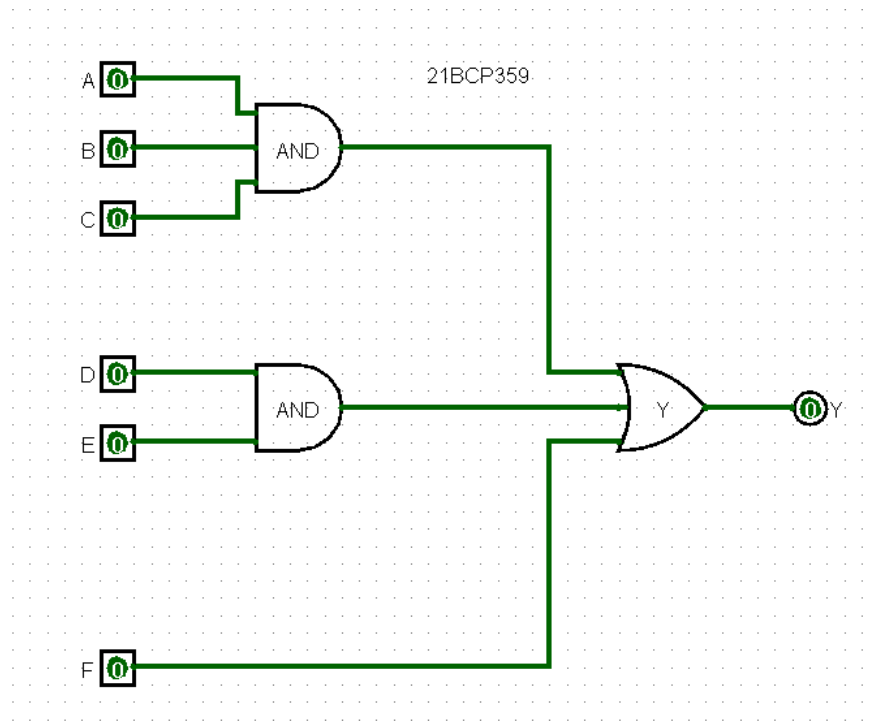


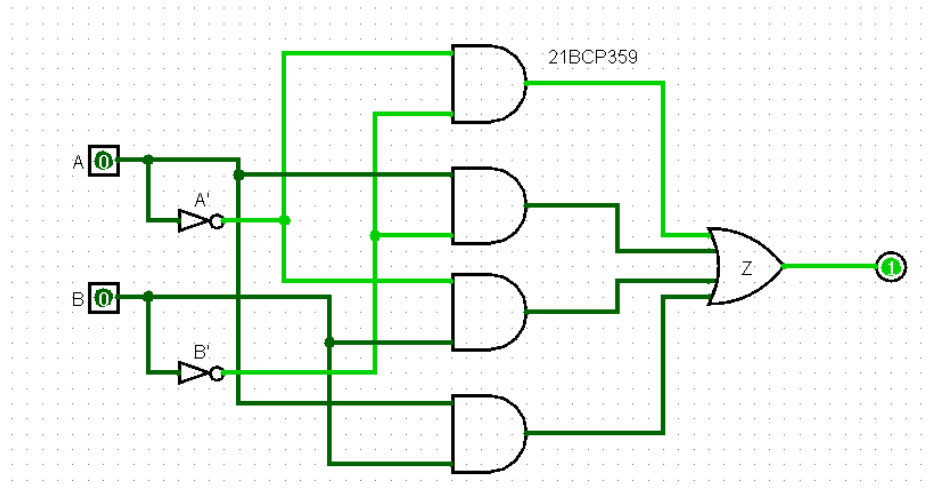
Problem 1(a)



A	B	C	D	E	F	Y
0	0	0	0	0	0	0
0	0	0	0	0	1	1
0	0	0	0	1	0	0
0	0	0	0	1	1	1
0	0	0	1	0	0	0
0	0	0	1	0	1	1
0	0	0	1	1	0	1
0	0	0	1	1	1	1
0	0	1	0	0	0	0
0	0	1	0	0	1	1
0	0	1	0	1	0	0
0	0	1	0	1	1	1
0	0	1	1	0	0	0
0	0	1	1	0	1	1
0	0	1	1	1	0	1
0	0	1	1	1	1	1
0	1	0	0	0	0	0
0	1	0	0	0	1	1
0	1	0	0	1	0	0
0	1	0	0	1	1	1
0	1	0	1	0	0	0
0	1	0	1	0	1	1
0	1	0	1	1	0	1
0	1	0	1	1	1	1
0	1	1	0	0	0	0
0	1	1	0	0	1	1
0	1	1	0	1	0	0
0	1	1	0	1	1	1
0	1	1	1	0	0	0
0	1	1	1	0	1	1
0	1	1	1	1	0	1
1	0	0	0	0	0	0
1	0	0	0	0	1	1
1	0	0	0	1	0	0

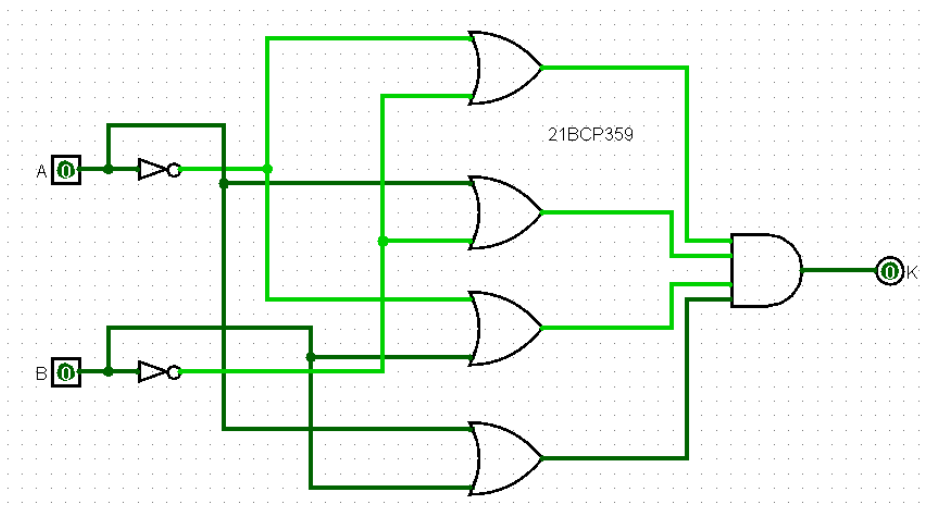
1	0	0	0	1	1	1
1	0	0	1	0	0	0
1	0	0	1	0	1	1
1	0	0	1	1	0	1
1	0	0	1	1	1	1
1	0	1	0	0	0	0
1	0	1	0	0	1	1
1	0	1	0	1	0	0
1	0	1	0	1	1	1
1	0	1	1	0	0	1
1	0	1	1	1	0	1
1	0	1	1	1	1	1
1	1	0	0	0	0	0
1	1	0	0	0	1	1
1	1	0	0	1	0	0
1	1	0	0	1	1	1
1	1	0	1	0	0	0
1	1	0	1	0	1	1
1	1	0	1	1	0	1
1	1	0	1	1	1	1
1	1	1	0	0	0	0
1	1	1	0	0	1	1
1	1	1	0	1	0	1
1	1	1	0	1	1	1
1	1	1	1	0	0	1
1	1	1	1	0	1	1
1	1	1	1	1	0	1
1	1	1	1	1	1	1

Problem 1(b)



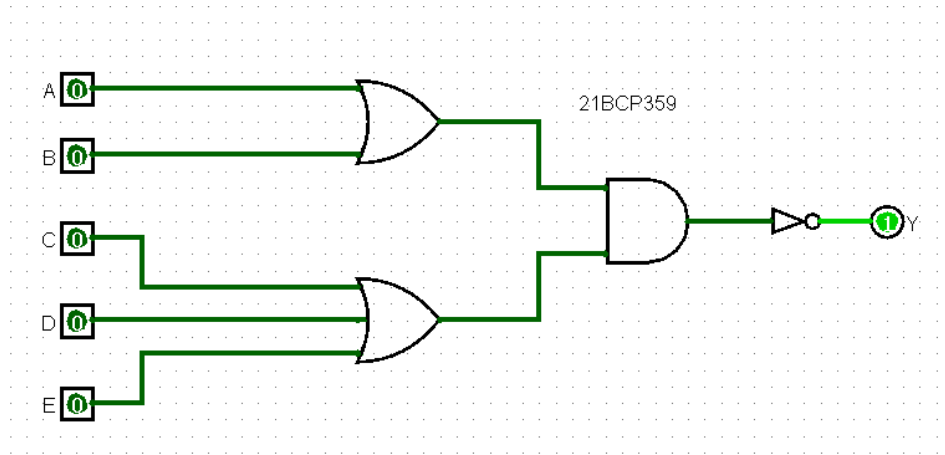
A	B	x
0	0	1
0	1	1
1	0	1
1	1	1

Problem 1(c)



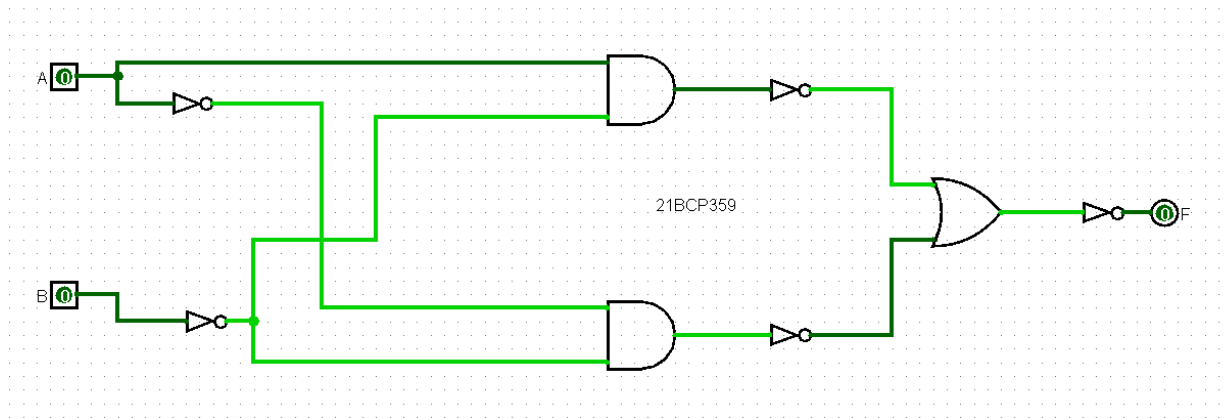
A	B	K
0	0	0
0	1	0
1	0	0
1	1	0

Problem 2(a)



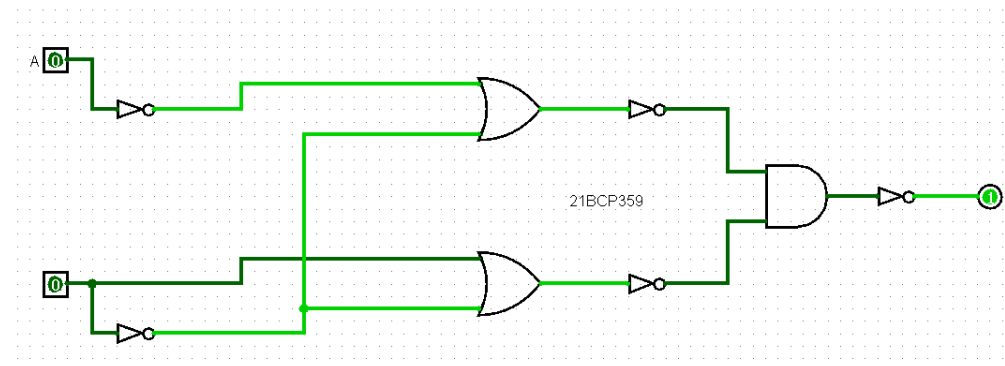
A	B	C	D	E	Y
0	0	0	0	0	1
0	0	0	0	1	1
0	0	0	1	0	1
0	0	0	1	1	1
0	0	1	0	0	1
0	0	1	0	1	1
0	0	1	1	0	1
0	0	1	1	1	1
0	1	0	0	0	1
0	1	0	0	1	0
0	1	0	1	0	0
0	1	0	1	1	0
0	1	1	0	0	0
0	1	1	0	1	0
0	1	1	1	0	0
0	1	1	1	1	0
1	0	0	0	0	1
1	0	0	0	1	0
1	0	0	1	0	0
1	0	0	1	1	0
1	0	1	0	0	0
1	0	1	0	1	0
1	0	1	1	0	0
1	0	1	1	1	0
1	1	0	0	0	1
1	1	0	0	1	0
1	1	0	1	0	0
1	1	0	1	1	0
1	1	1	0	0	0
1	1	1	0	1	0
1	1	1	1	0	0
1	1	1	1	1	0

Problem 2(b)



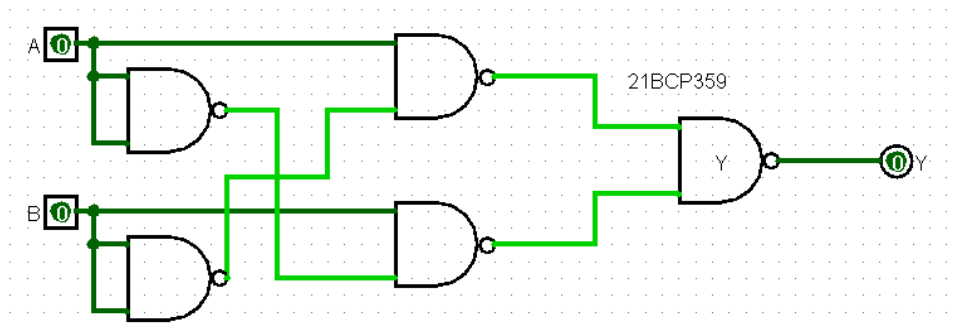
A	B	F
0	0	0
0	1	0
1	0	0
1	1	0

Problem 2(c)



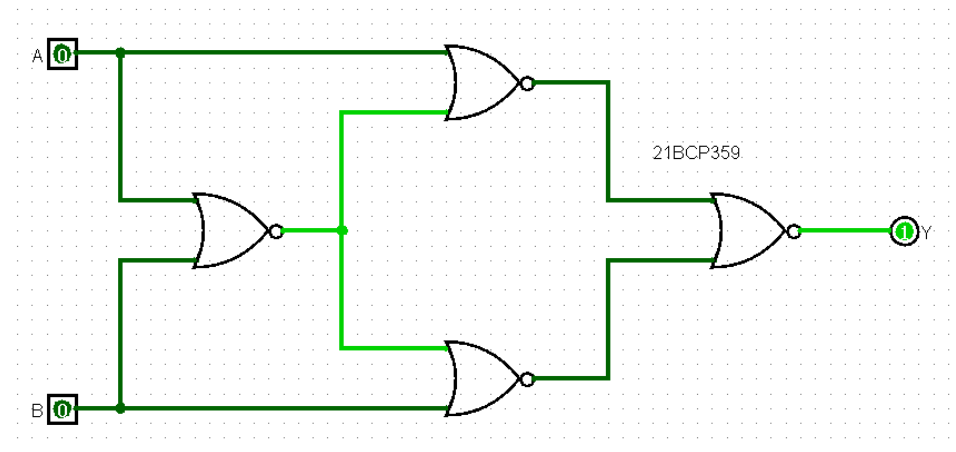
A	a	K
0	0	1
0	1	1
1	0	1
1	1	1

Problem 3(a)



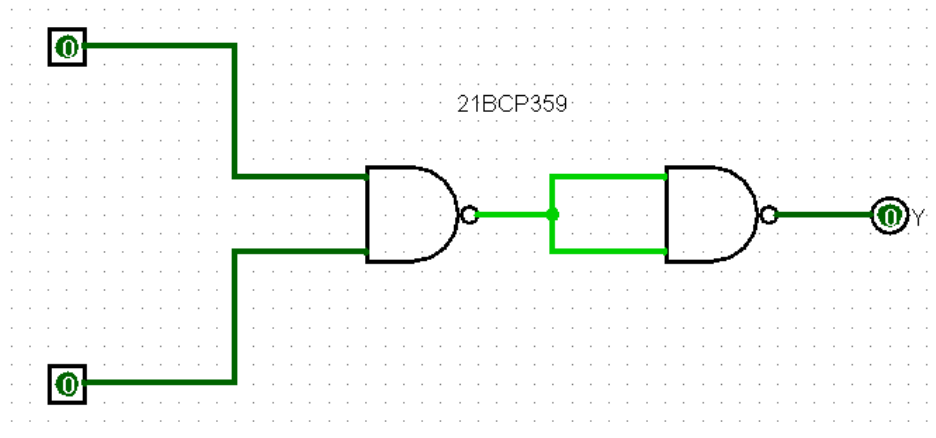
A	B	Y
0	0	0
0	1	1
1	0	1
1	1	0

Problem 3(b)



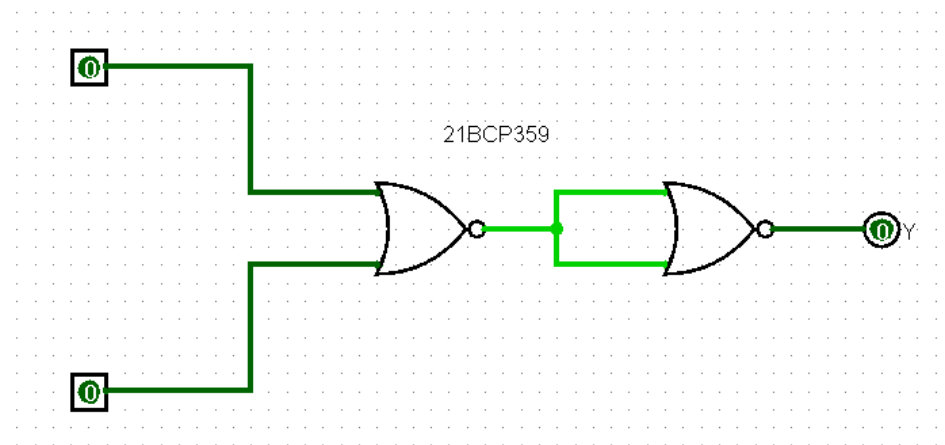
A	B	Y
0	0	1
0	1	0
1	0	0
1	1	1

Problem 3(c)



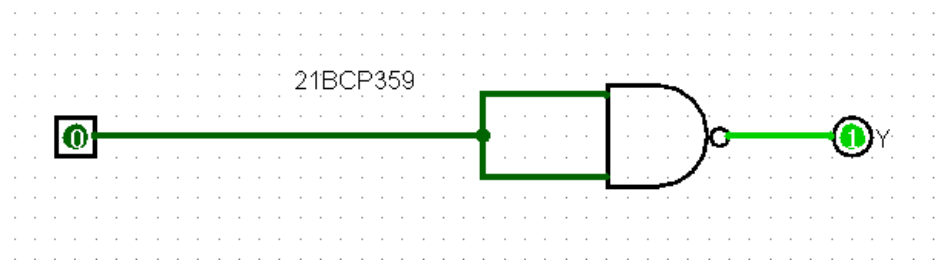
a	b	Y
0	0	0
0	1	0
1	0	0
1	1	1

Problem 3(d)



a	b	Y
0	0	0
0	1	1
1	0	1
1	1	1

Problem 3(e)



a	Y
0	1
1	0