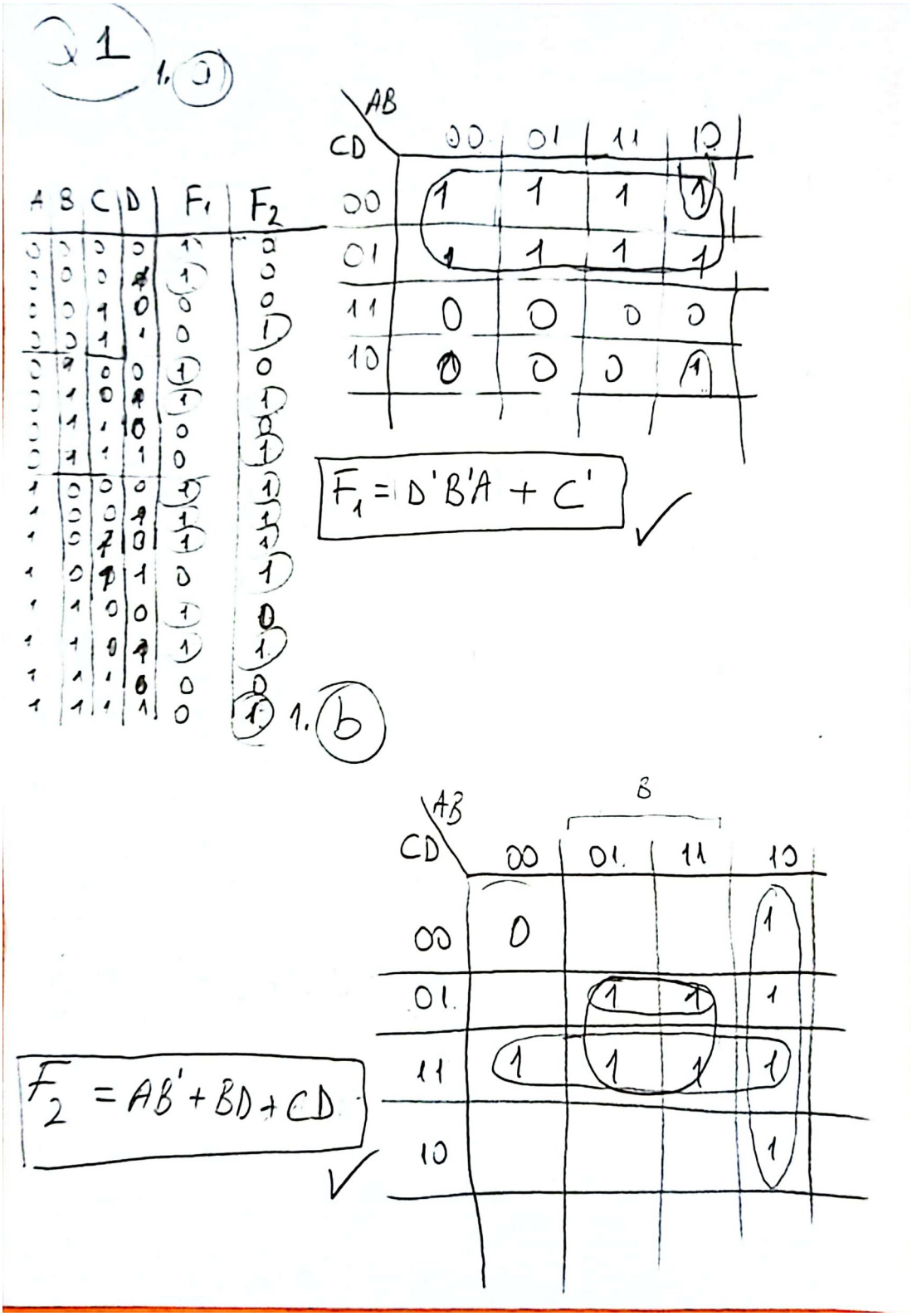
CSE 232 HW-2
Mehmet Hüseyin YILDIZ
200104004095

Question 1

1)



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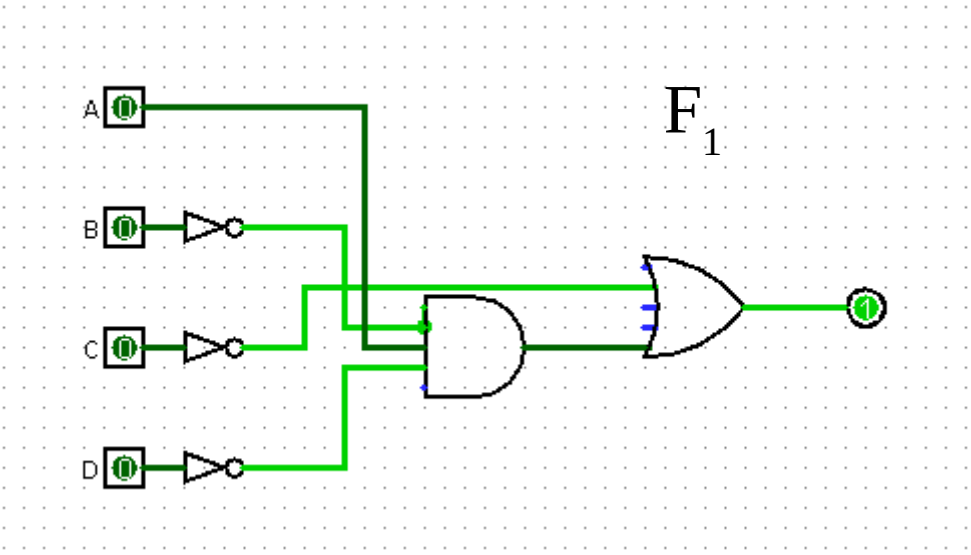
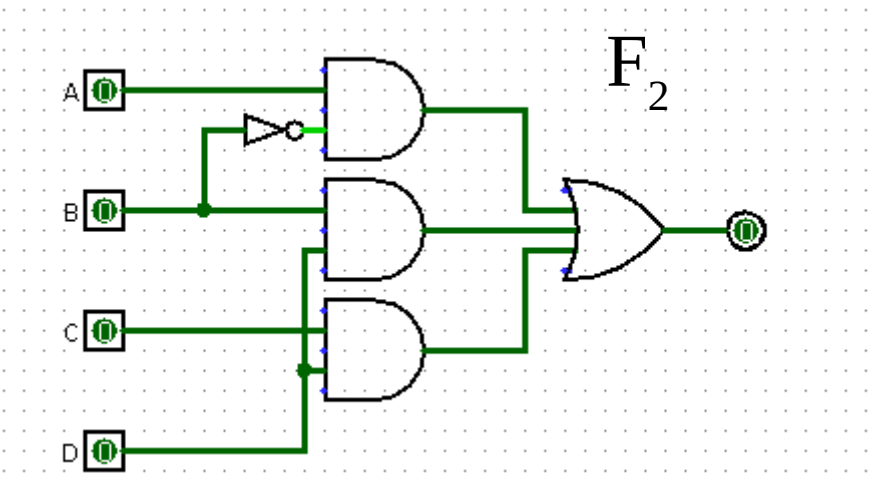
2)





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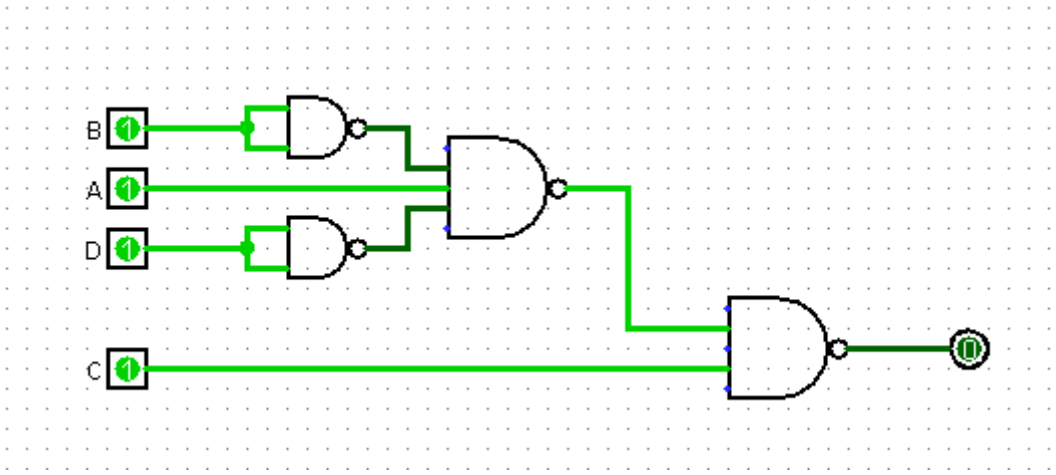
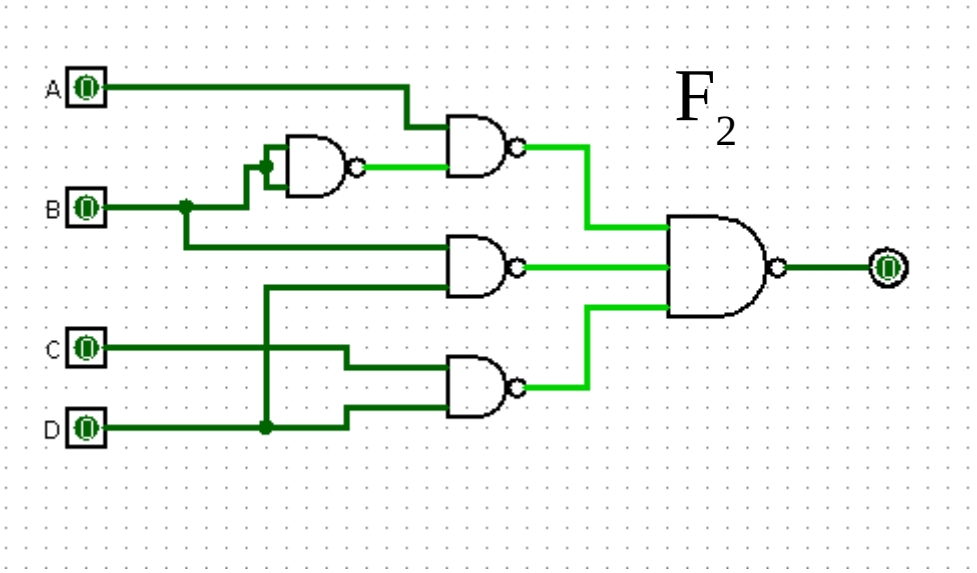
3)





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Question 2

1)

A	B	C	D	F
0	0	0	0	1
0	0	0	1	0
0	0	1	0	1
0	0	1	1	0
0	1	0	0	0
0	1	0	1	0
0	1	1	0	1
0	1	1	1	1
1	0	0	0	1
1	0	0	1	1
1	0	1	0	1
1	0	1	1	1
1	1	0	0	0
1	1	0	1	1
1	1	1	0	1
1	1	1	1	1

2)

CD\AB	**00**	**01**	**11**	**10**
00	1	0	0	1
01	0	0	1	1
11	0	1	1	1
10	1	1	1	1

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3)

CD\AB	00	01	11	10
00	1	0	0	1
01	0	0	1	1
11	0	1	1	1
10	1	1	1	1

$$F = AD + BC + B'D'$$

4)

CD\AB	00	01	11	10
00	1	0	0	1
01	0	0	1	1
11	0	1	1	1
10	1	1	1	1

$$F' = A'B'D + A'C'D + BC'D'$$

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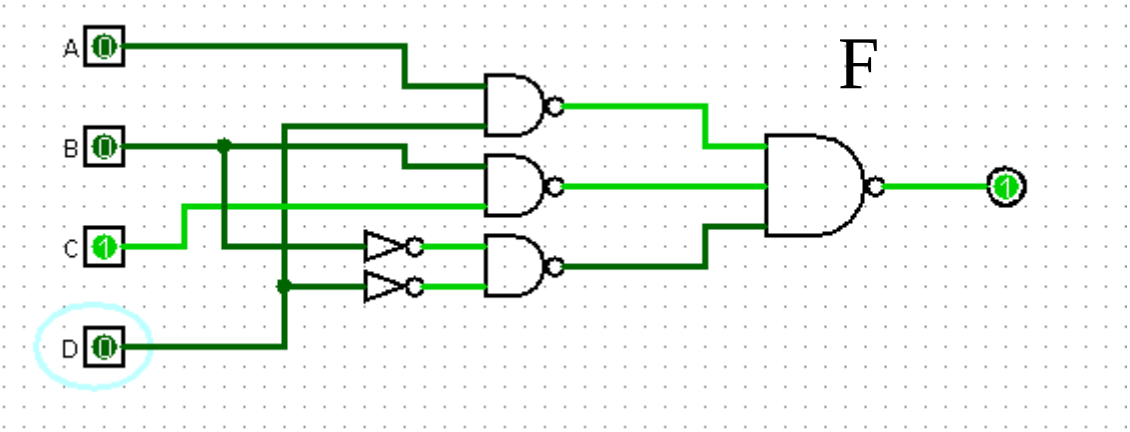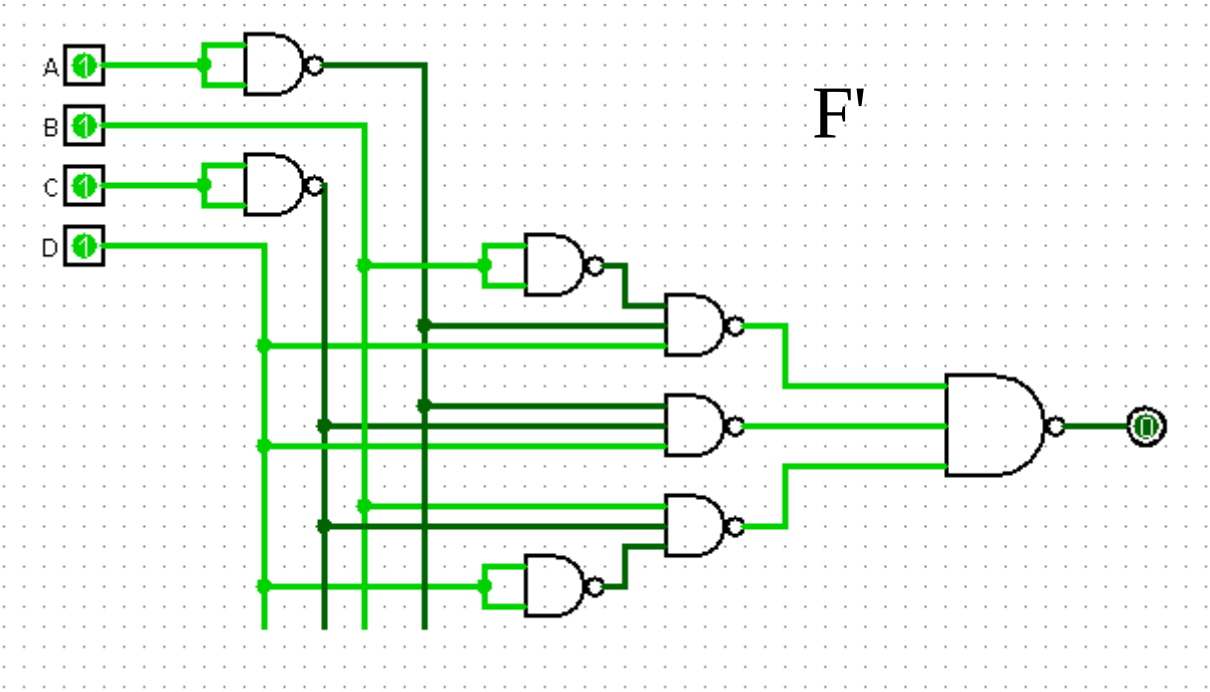
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