

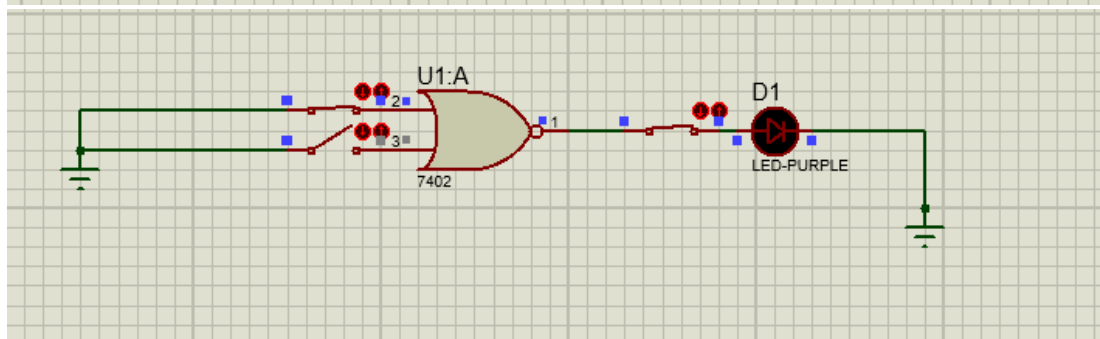
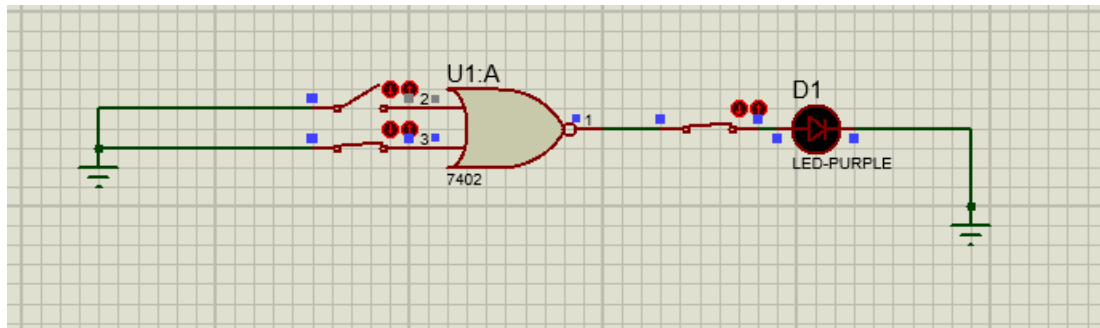
به نام خدا

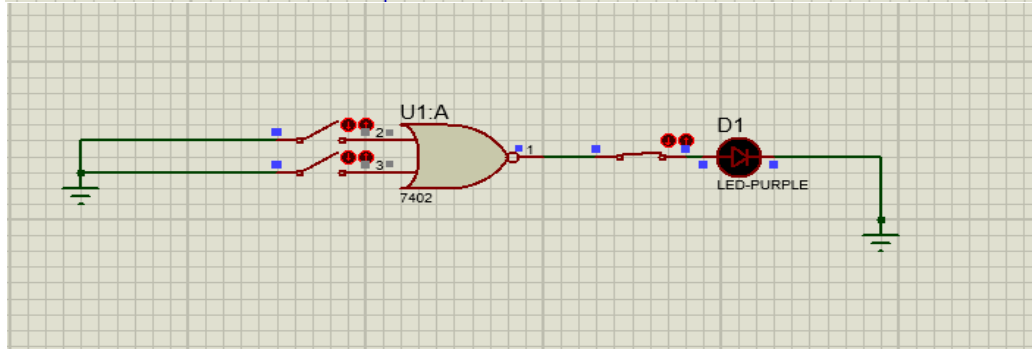
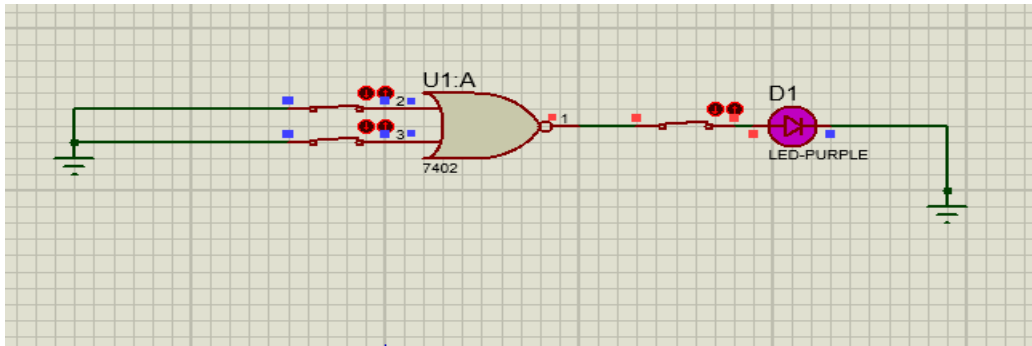
سری اول تکالیف آزمایشگاه معماری و مدار منطقی

محمد نصری: 962023041

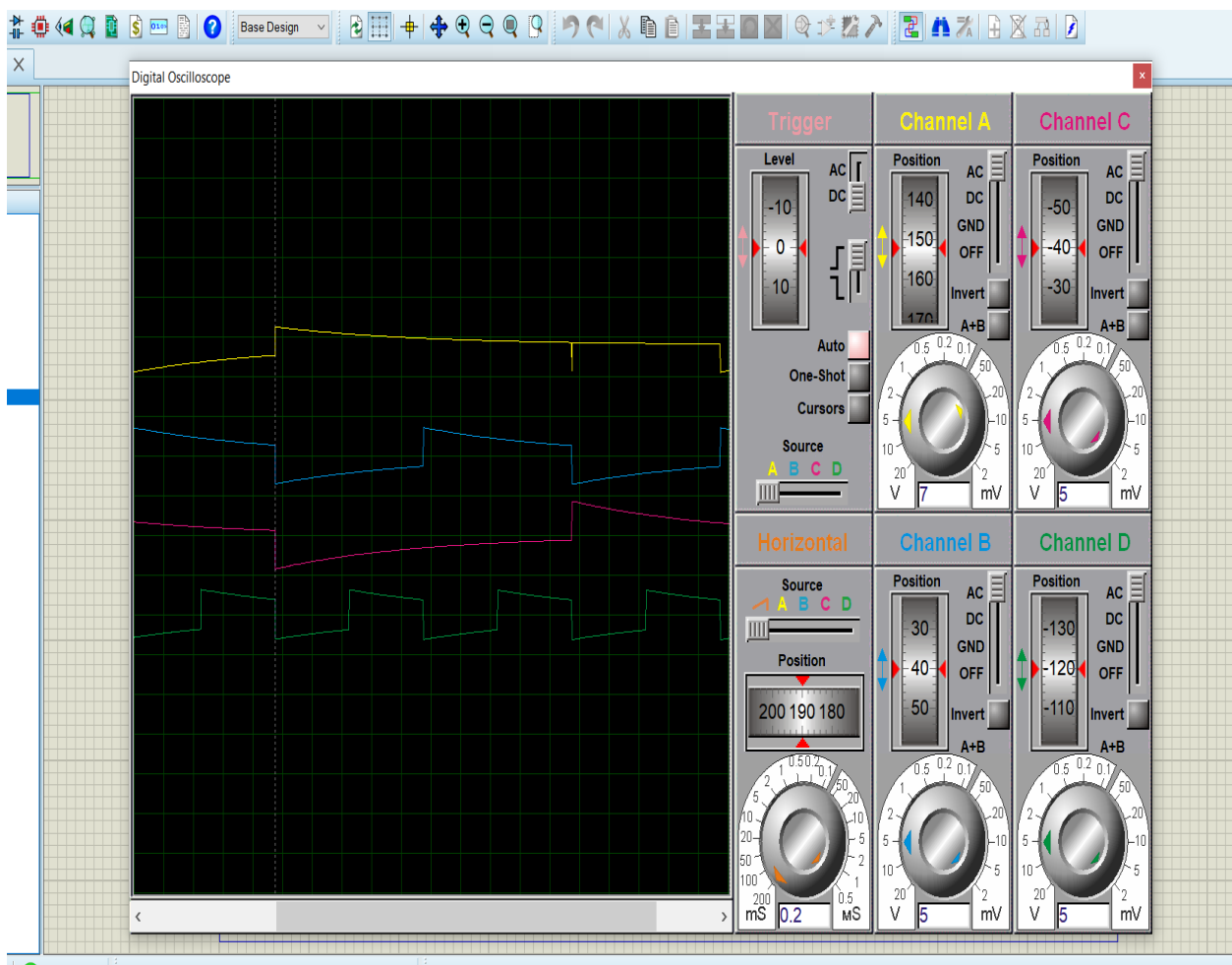
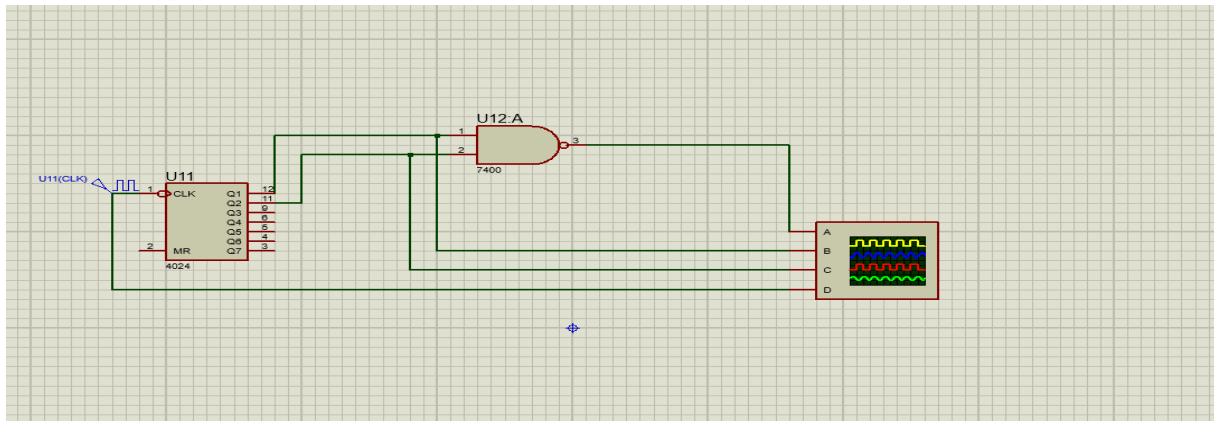
استاد لالی

TRUTH TABLE)



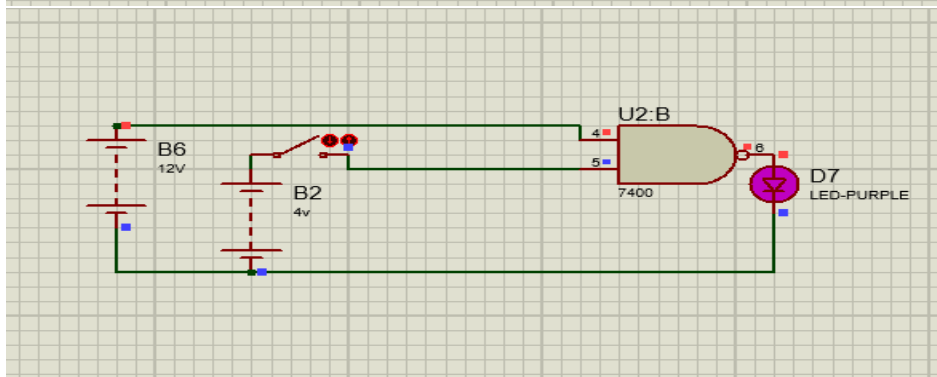
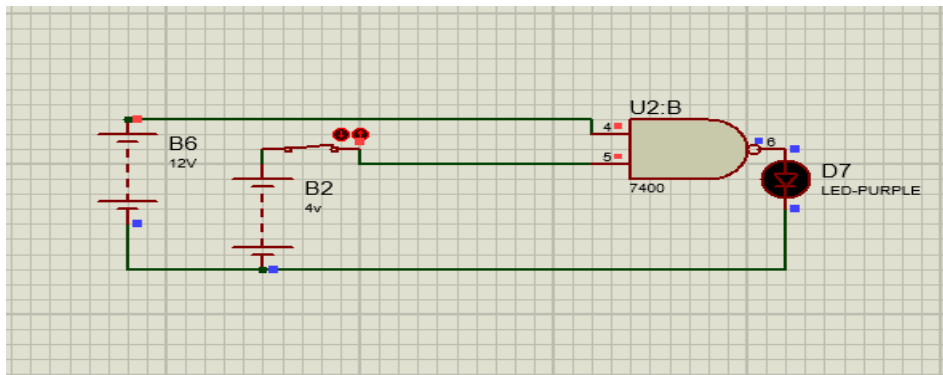


## WAVEFORMS)

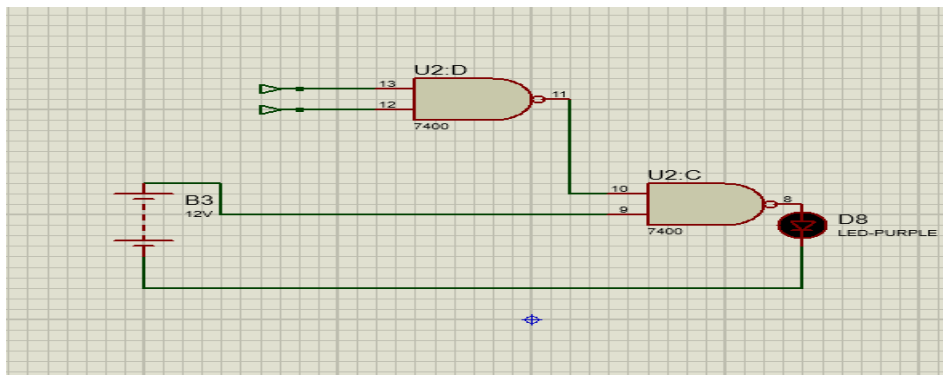


UNIVERSAL NAND GATE

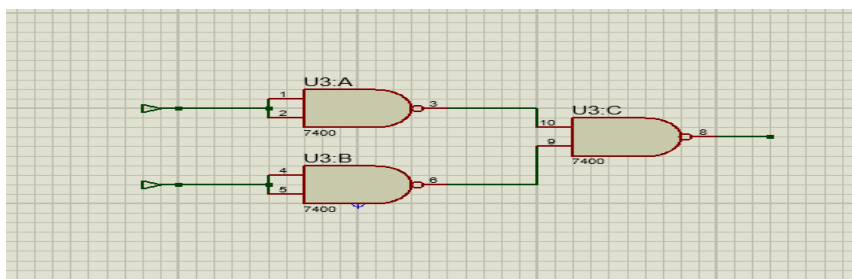
INVERTER)



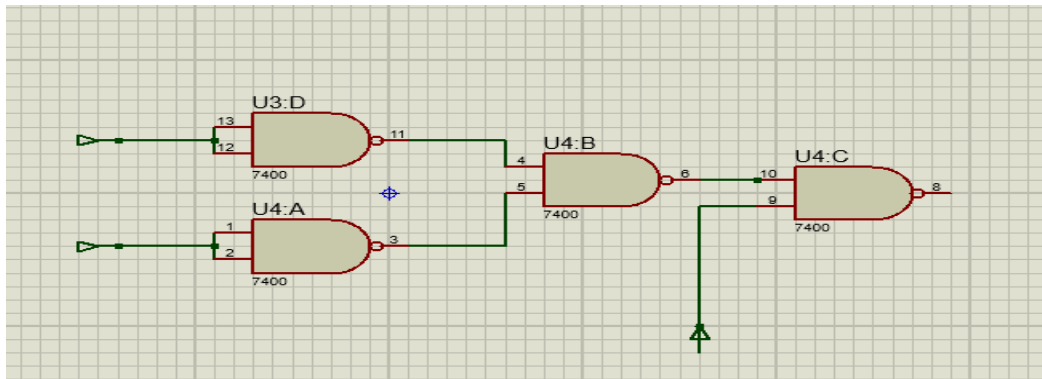
AND)



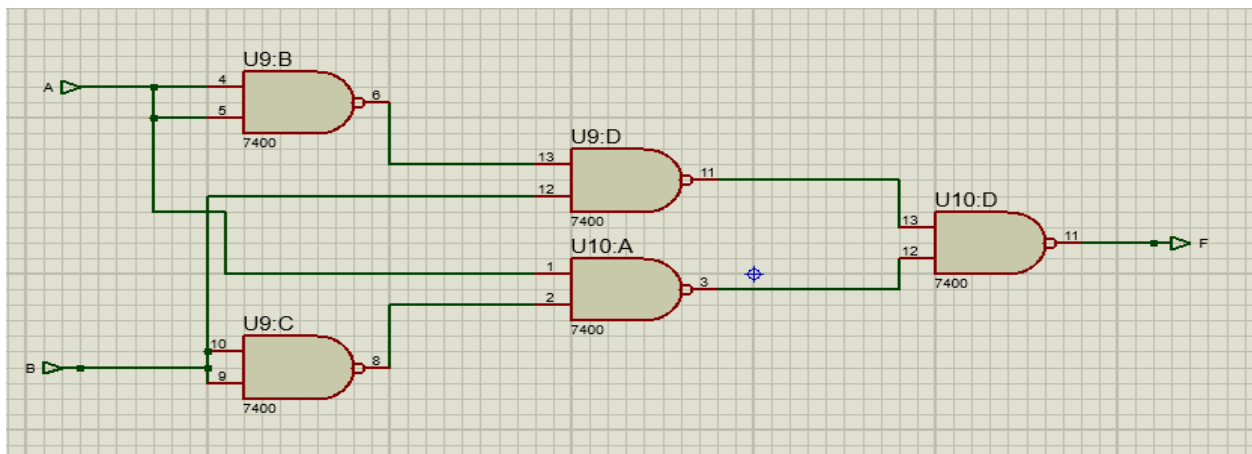
OR)



NOR)

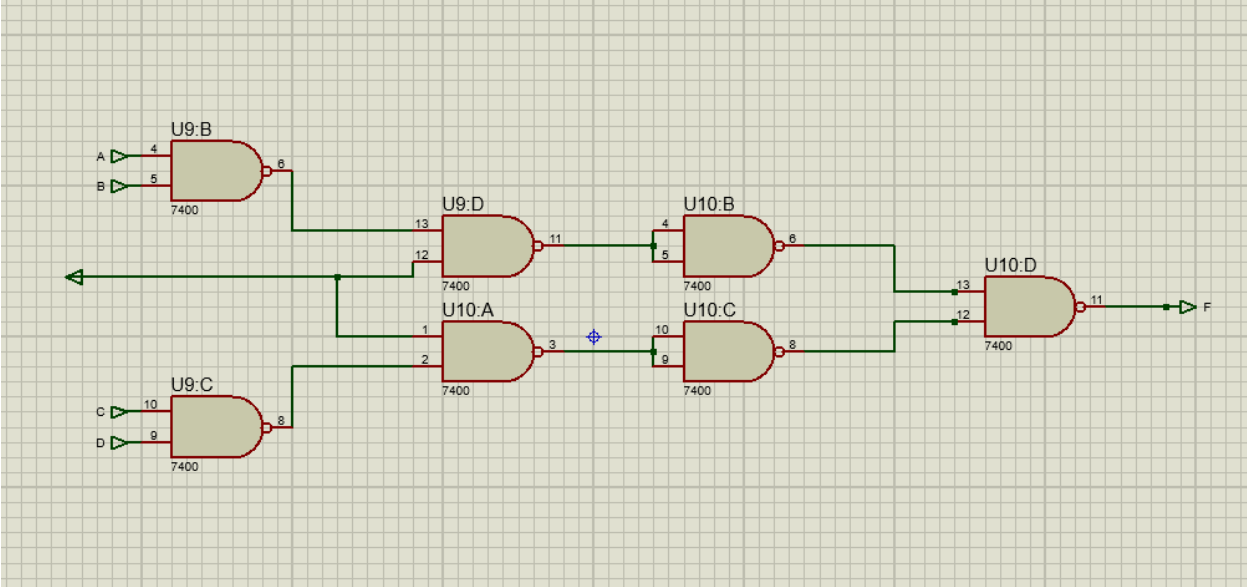


XOR)



NAND CIRCUIT)

1)



2)

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

