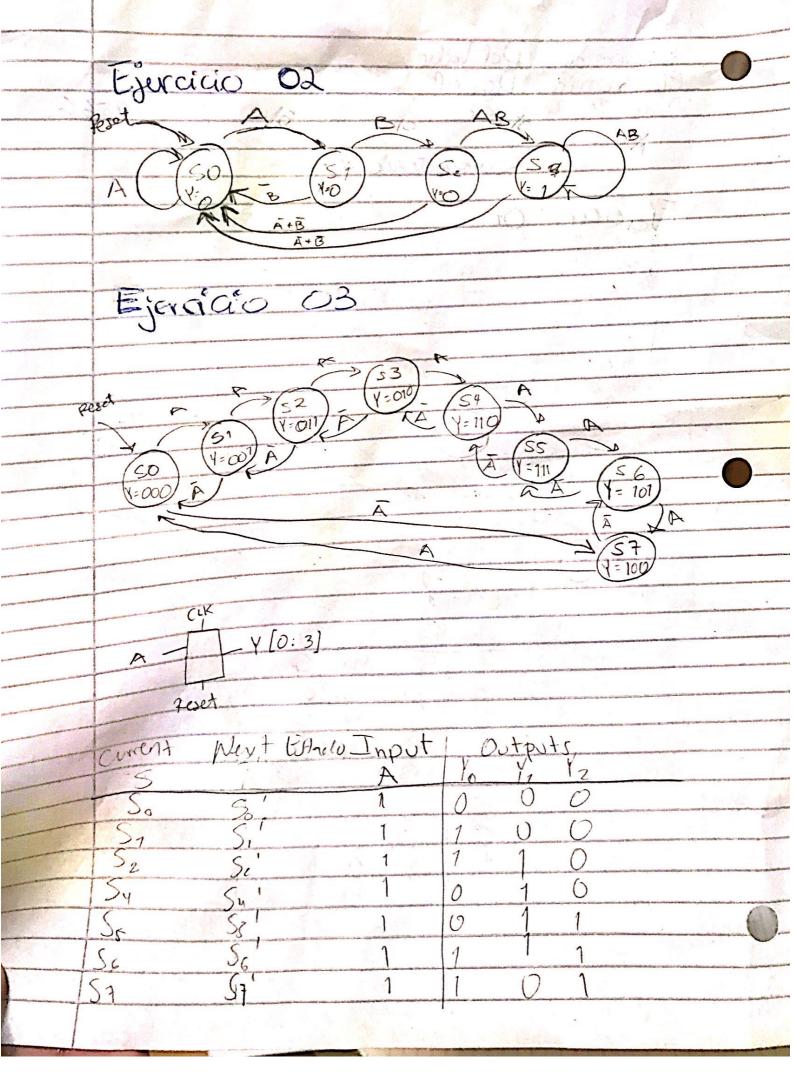
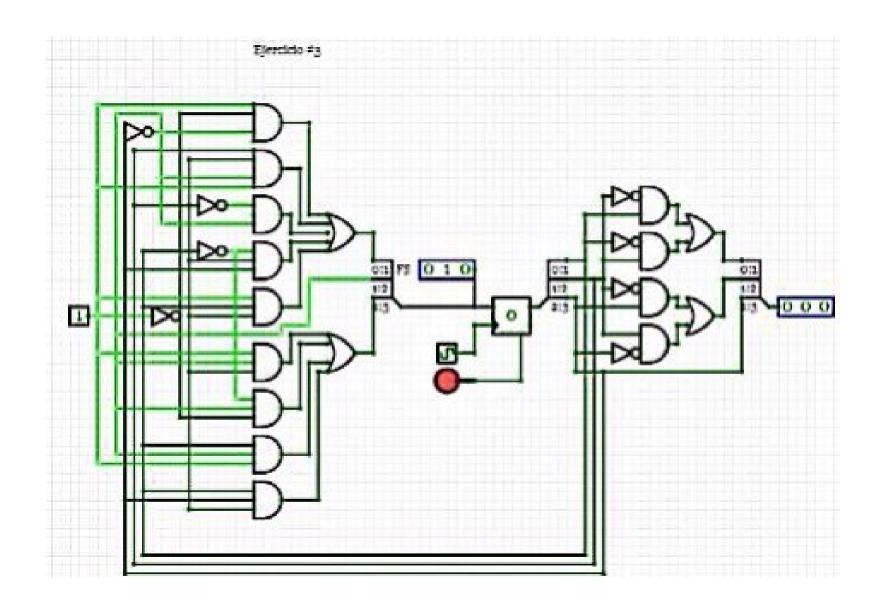


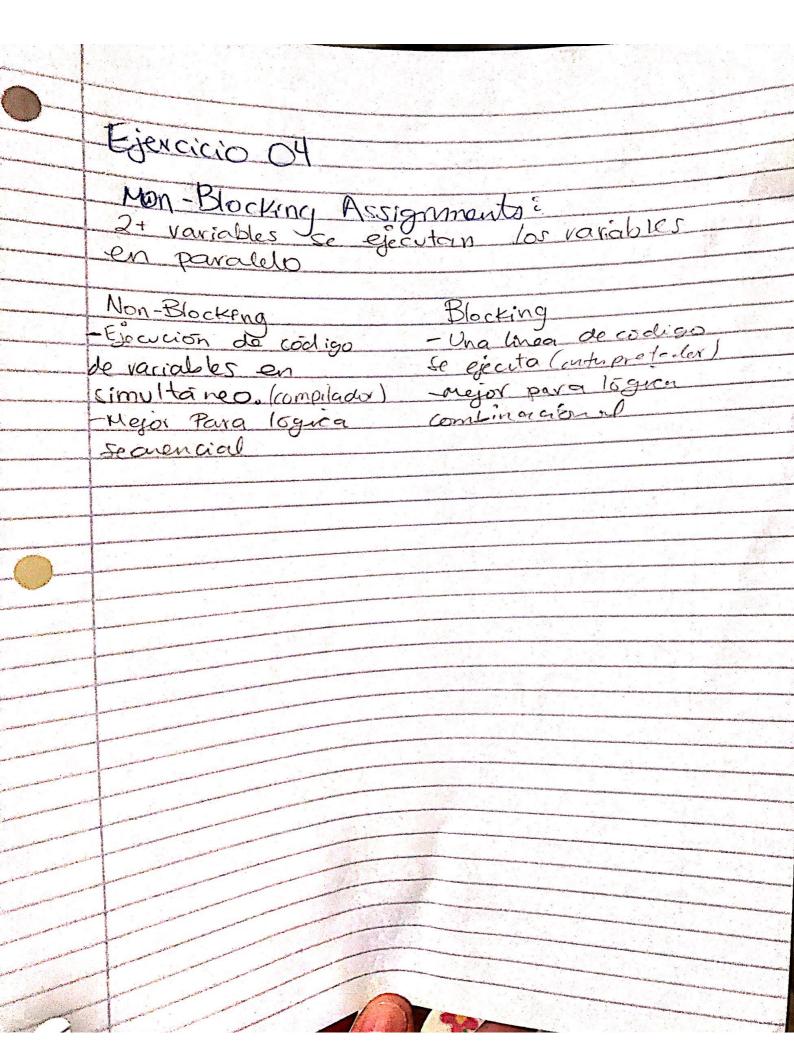
```
Functi...
        Inputs Outputs
                        True
                               False
                                       DC
                                                PI
                                                         Gates
S0'-Y
                        3, 2, 1
                              13, 1...
                                      0, 0, 0
                                                       Not mapped
              => | SO' | S1' | Y | Entered by truthtable:
                              S1' = S0' S1' A B' + S0' S1' A B;
                              Y = S0 S1' A B;
                              Minimized:
                              SO' = SO' S1 B + SO S1' A B;
                              S1' = S0' S1' A ;
                              Y = SO S1' A B;
```

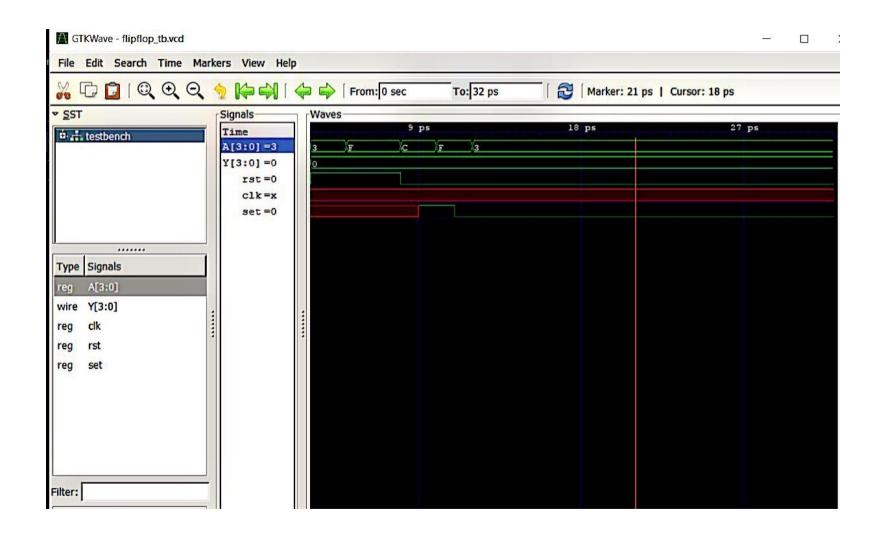


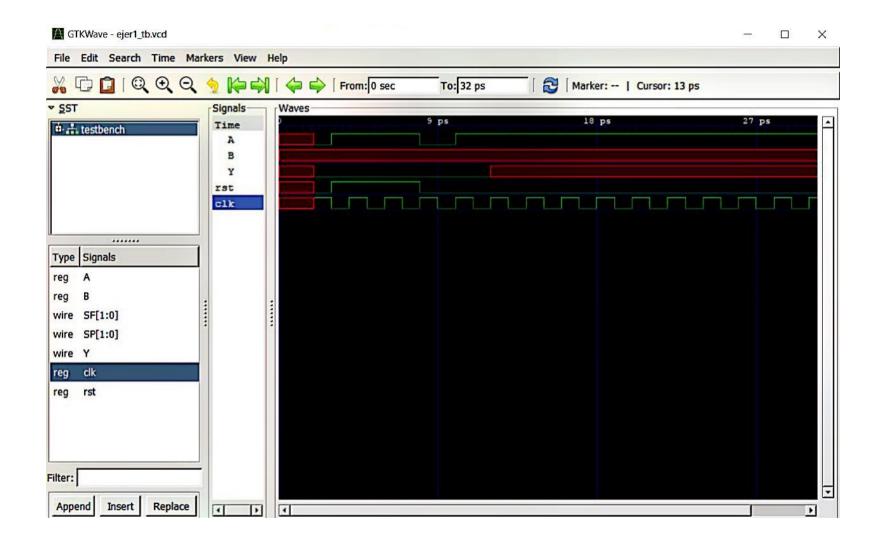


Fur	ncti	. Ir	puts	Out	outs	Tı	rue	False	D	C	PI		G	etes											
	S0'-Y S0'-S2'		4		3		2, 1 8, 8	13, 1 8, 8, 8	2170	0, 0	4 10		Not mapped Not mapped												
SO	S1	S2	Α	=>	S0'	S1'	S2'	Enter	ed k	y t	rutht	able	:												
X	0	X	X		1			S0' =	50	51	52'	A'	+ 50	' S1'	52	A	+ 5	0' 5	51'	52	A'	+ S	0'	S1'	52 A
0	1	X	1			1		+ S0	S1'	S2'	A' +	50	S1'	52' Z	4 + 5	50 S	1' :	52 7	A' .	+ 5	0 51	' S	2 A	;	
1	0	X	1			1		S1' =	50	51	' S2'	A'	+ 50	' S1'	52	A'	+ 5	0' 5	51 :	S2'	A +	50	' 5	1 5	2 A +
1	1	X	0			1		S0 S1	' S2	2' A	+ 50	51'	52	A + 5	0 SI	52	' A	' +	50	51	52	A';			
0	0	X	0			1		52' =	50	SI	' S2'	A'	+ 50	' S1'	52	A +	50	' S.	1 5	2 A	+	50'	SI	52	A +
1	1	0	1			100	1	S0 S1	' S2	2 A'	+ 50	51'	52	A + 5	50 SI	52	' A	+ 5	50	S1 :	52 F	A';			
0	0	0	0				1																		
0	1	1	X				1	Minim	ized	i:															
X	0	1	1				1	SO' =	SI	';															
1	X	1	0				1	S1' =	50	SI	A +	50 5	1' A	+ 50) S1	A'	+ 5	0' 5	51'	A'	;				
	-		-				2	S2' =	SO	S1 :	52' A	+ 5	0' S	1' S2	' A'	+	so'	SI	52	+	SI	52	A	+ 5	0 S2
								A';																	

	rts Outputs	True	False	DC	PI	Gates	
S0'-S2' 4	3	8, 8, 8	8, 8, 8	0, 0, 0	10	Not mapped	
Y0-Y2 3	3	4, 4, 4	4, 4, 4	0, 0, 0	5	Not mapped	







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