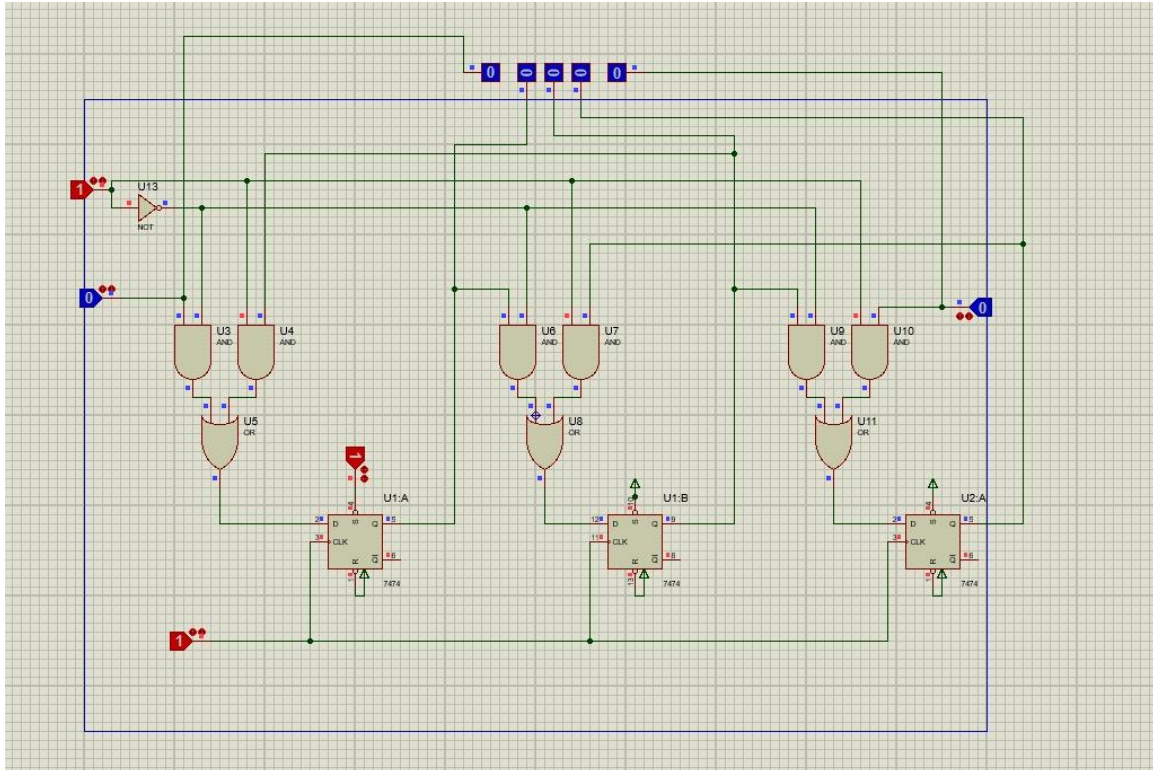
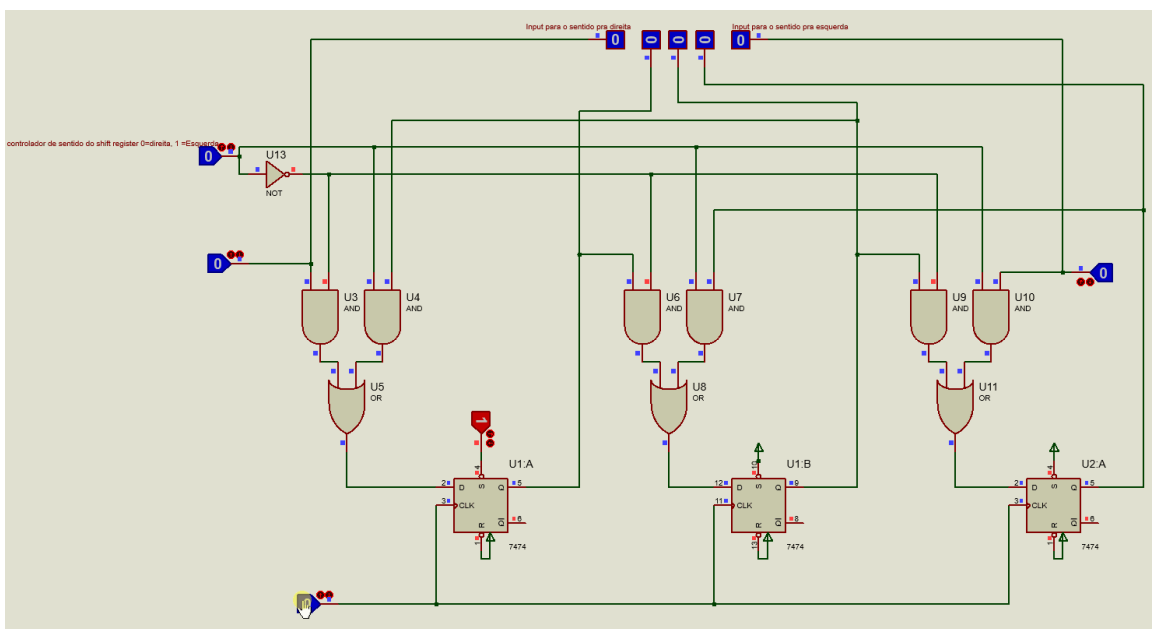


1- Registrador de Deslocamento Bidirecional com Controle de Direção

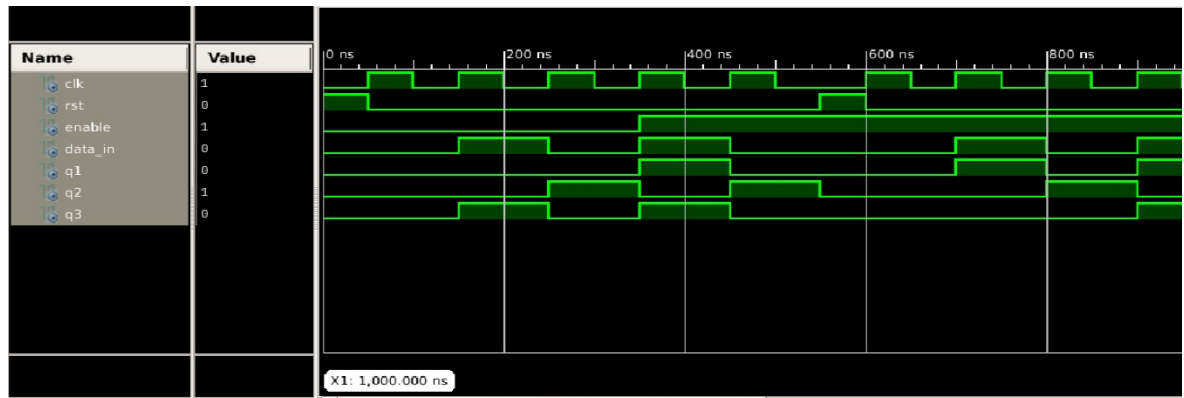
- Circuito (Proteus):



- Demonstração (Proteus):



- Simulação (VHDL):

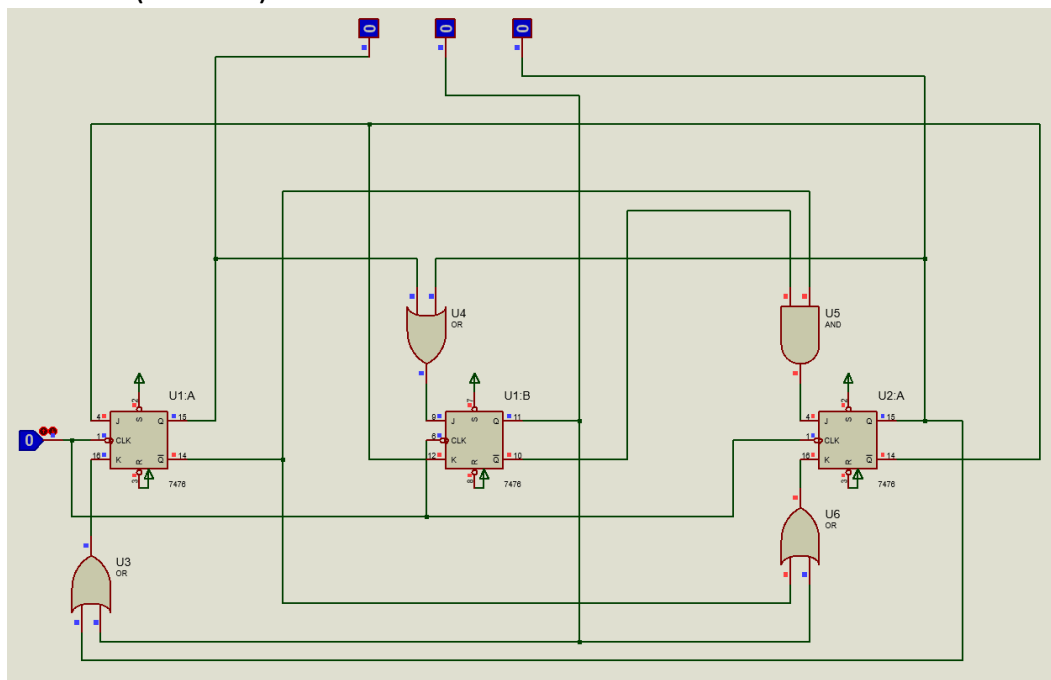


2- Contador Síncrono Com Leds.

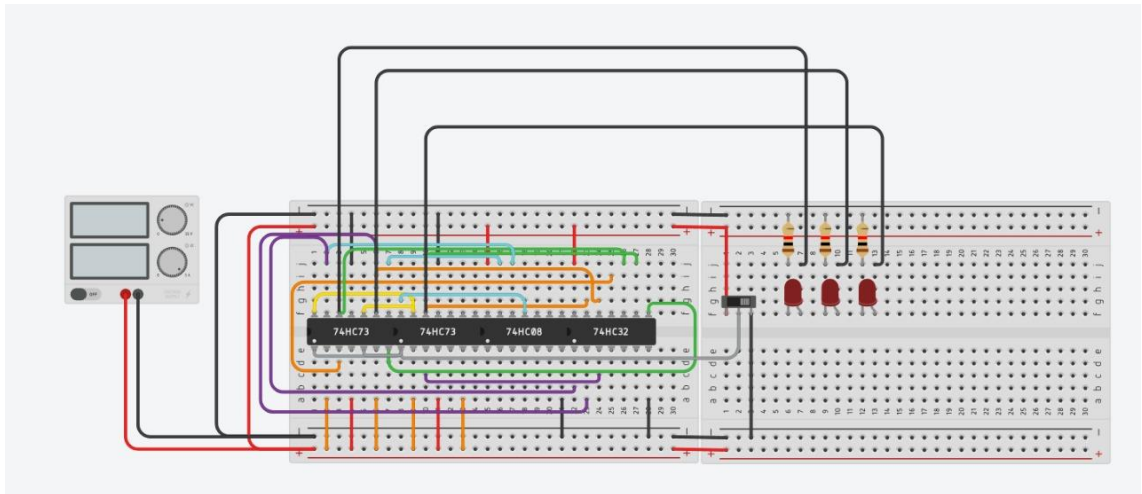
- Tabela Verdade:

ENTRADA			SAIDA								
A	B	C	A	B	C	J2	K2	J1	K1	J0	K0
0	0	0	1	0	1	1	*	0	*	1	*
0	0	1	0	1	0	0	*	1	*	*	1
0	1	0	1	0	0	1	*	*	1	0	*
0	1	1	0	1	0	0	*	*	0	*	1
1	0	0	1	1	0	*	0	1	*	0	*
1	0	1	0	1	1	*	1	1	*	*	0
1	1	0	0	0	0	*	1	*	1	0	*
1	1	1	0	1	0	*	1	*	0	*	1

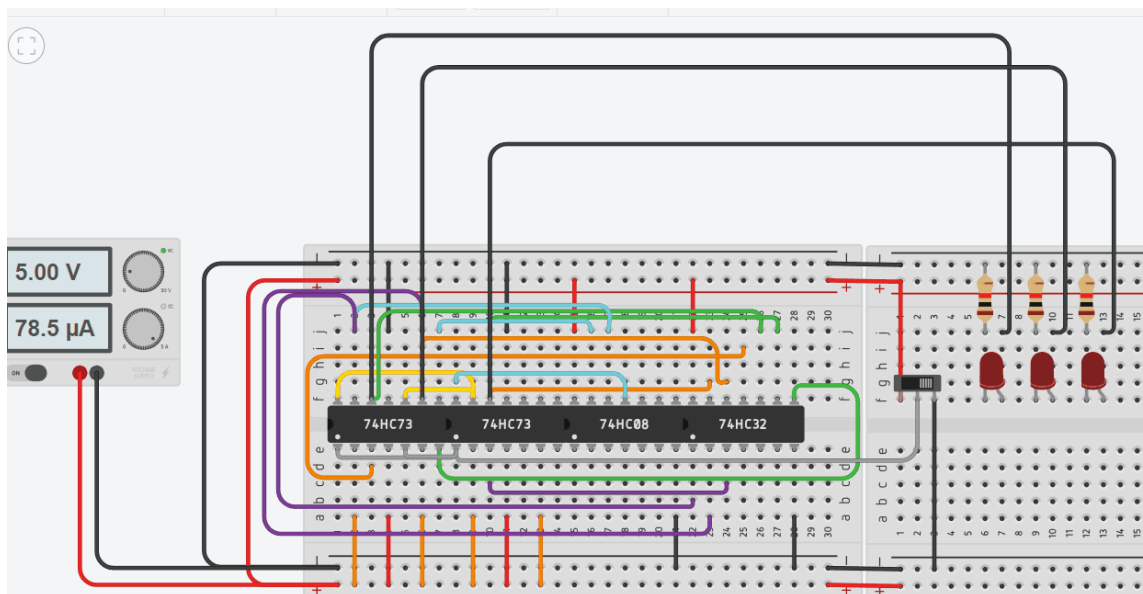
- Circuito (Proteus):



- Circuito (Thinkercad):

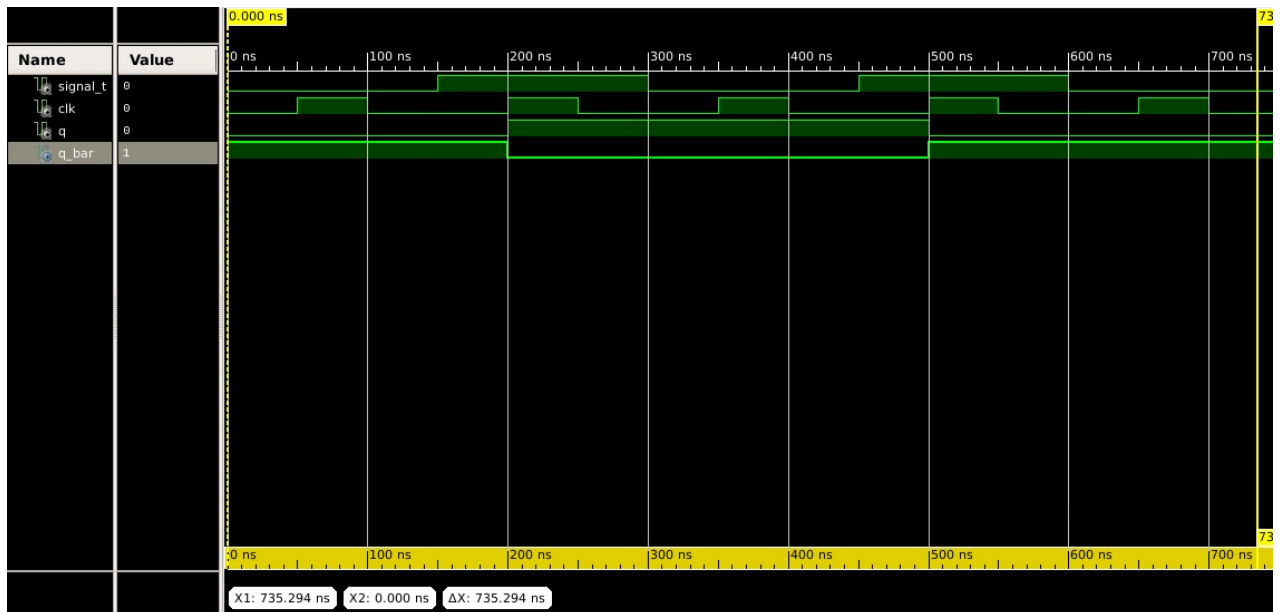


- Demonstração (Thinkercad):

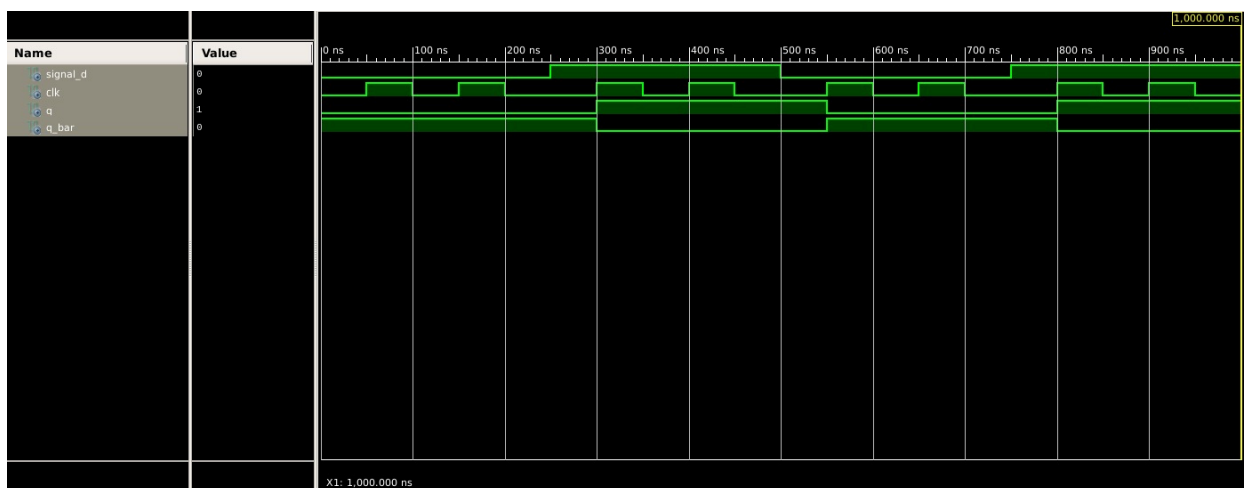


3- Contador Síncrono Personalizado com Leds:

a) FF T:



b) FF D:



Alunos:

Matheus Dionísio Teixeira Andrade - 355

João Victor Godoy da Silva - 364

Kaio Henrique Pereira - 369