

Aula 02

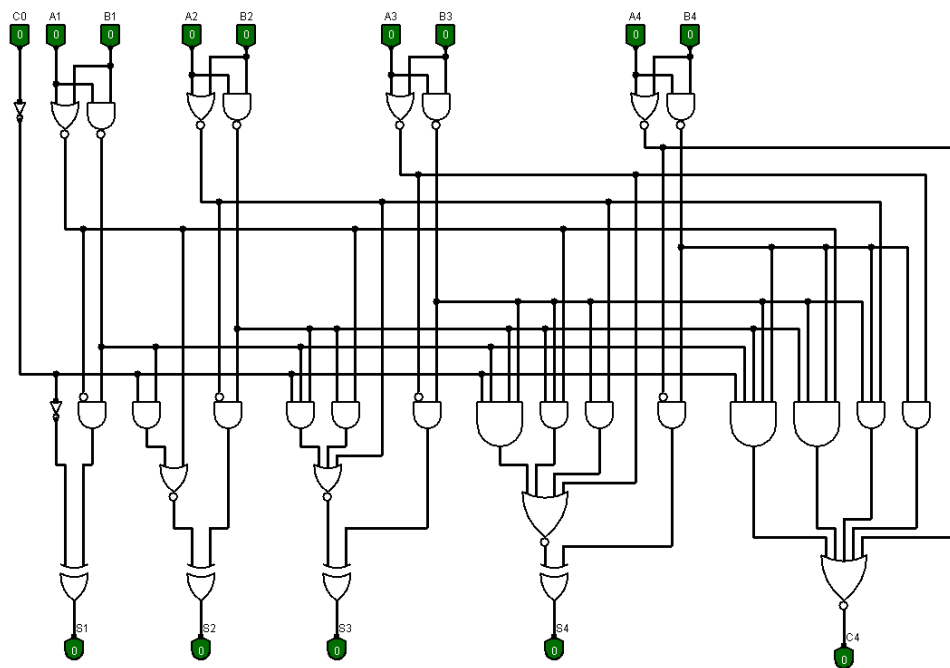
Nome: Guilherme Fróes Camba de Freitas | Matricula: 718116

Nome: Bernardo Ferreira Temponi | Matricula: 699469

Nome: Diego Basilio Arruda | Matricula: 701139

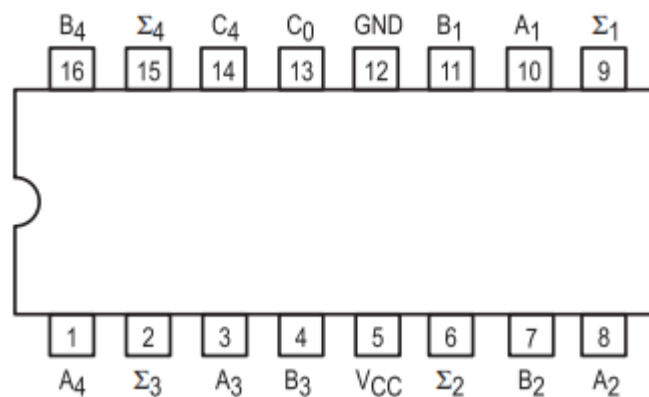
Carry Look Ahead (CLA)

1. Logisim



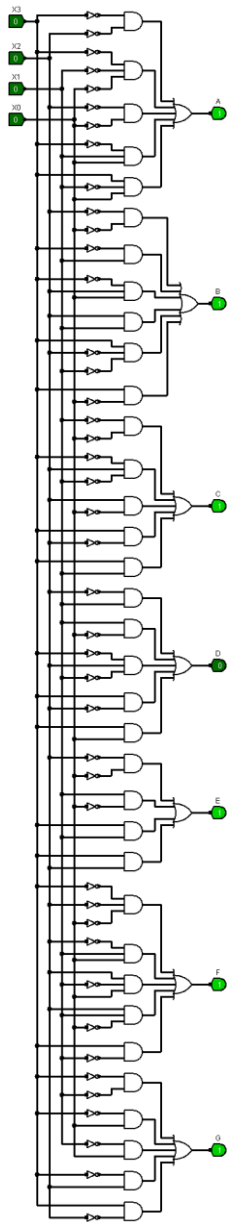
2. Componentes

- SN54/74LS83A



Decodificador de 4 bits para 7 segmentos

1. Logisim

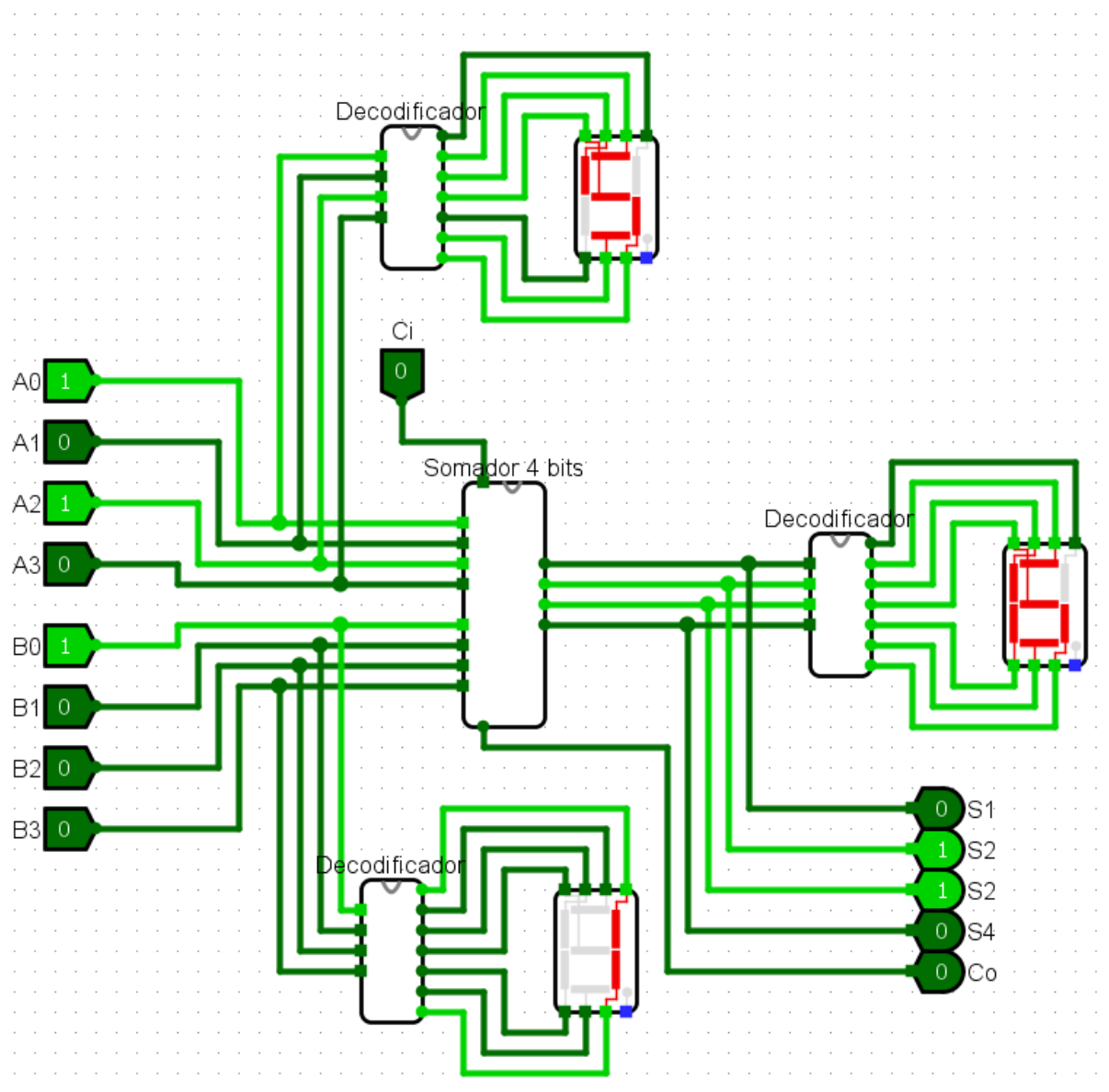


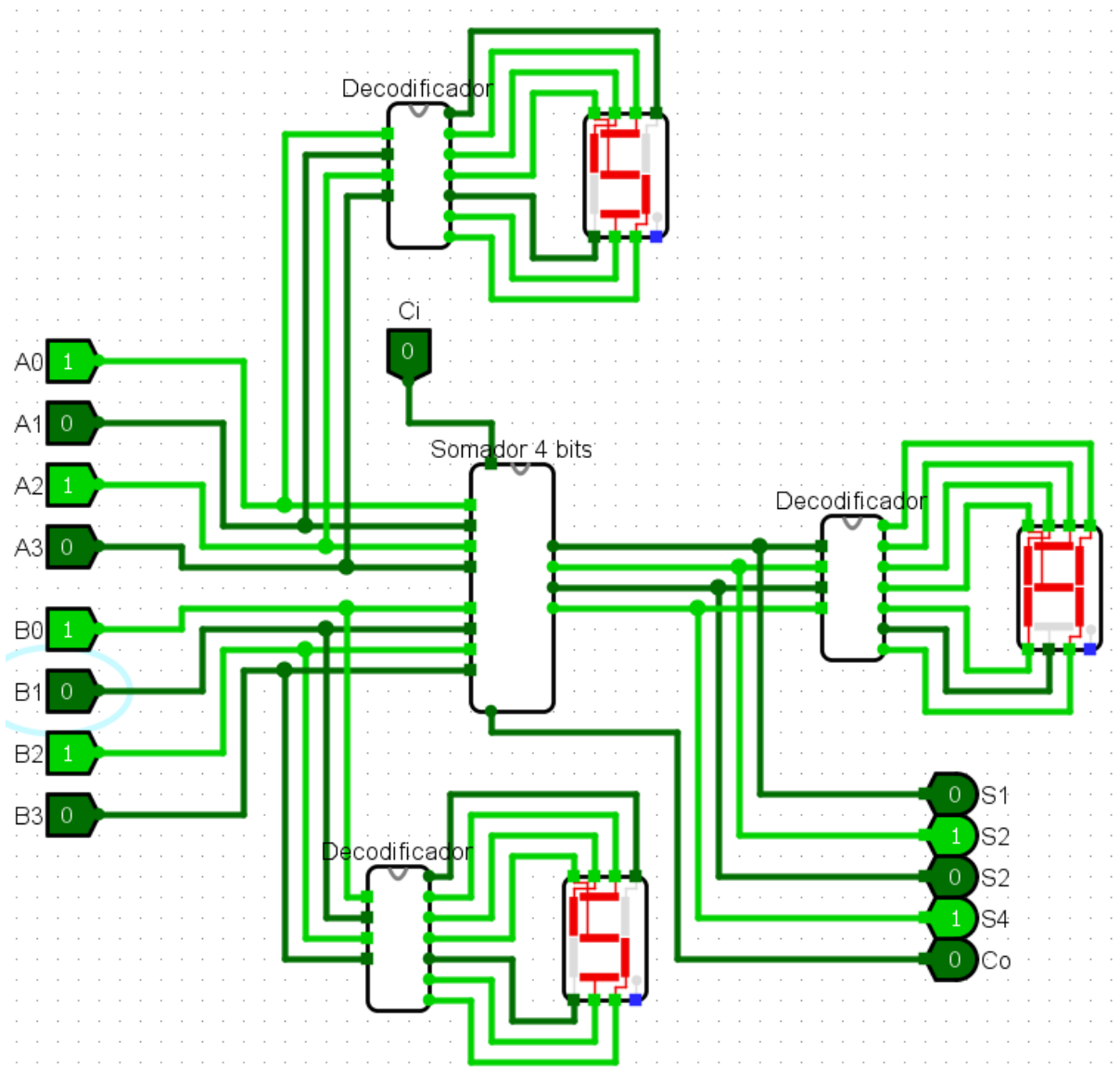
2. Tabela Verdade

X3	X2	X1	X0	A	B	C	D	E	F	G
0	0	0	0	1	1	1	0	1	1	1
0	0	0	1	1	0	0	0	0	0	1
0	0	1	0	1	1	0	1	1	1	0
0	0	1	1	1	1	0	1	0	1	1
0	1	0	0	1	0	1	1	0	0	1
0	1	0	1	0	1	1	1	0	1	1
0	1	1	0	0	1	1	1	1	1	1
0	1	1	1	1	1	0	0	0	0	1
1	0	0	0	1	1	1	1	1	1	1
1	0	0	1	1	1	1	1	0	1	1
1	0	1	0	1	1	1	1	1	0	1
1	0	1	1	0	0	1	1	1	1	1
1	1	0	0	0	1	1	0	1	1	0
1	1	0	1	1	0	0	1	1	1	1
1	1	1	0	0	1	1	1	1	1	0
1	1	1	1	0	1	1	1	1	0	0

CLA de dois números com display

1. Logisim





2. Simulador 97

