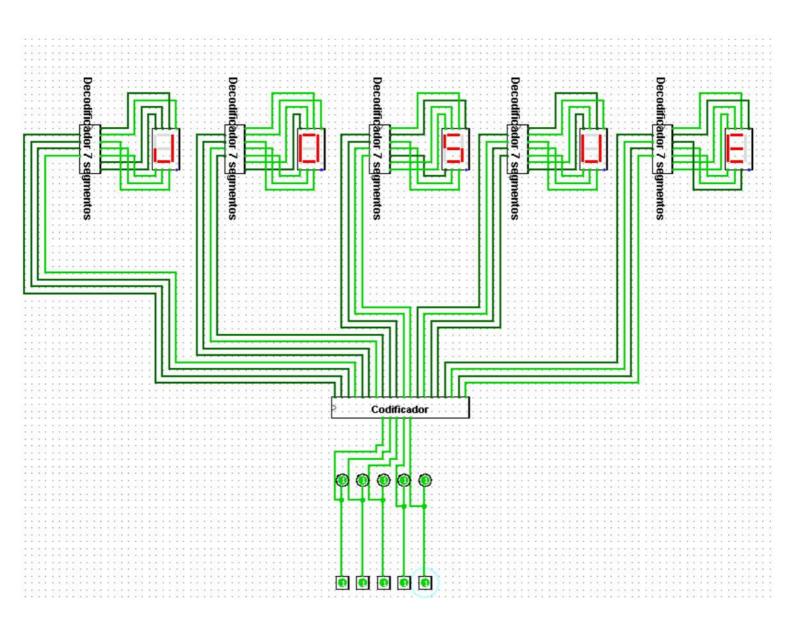
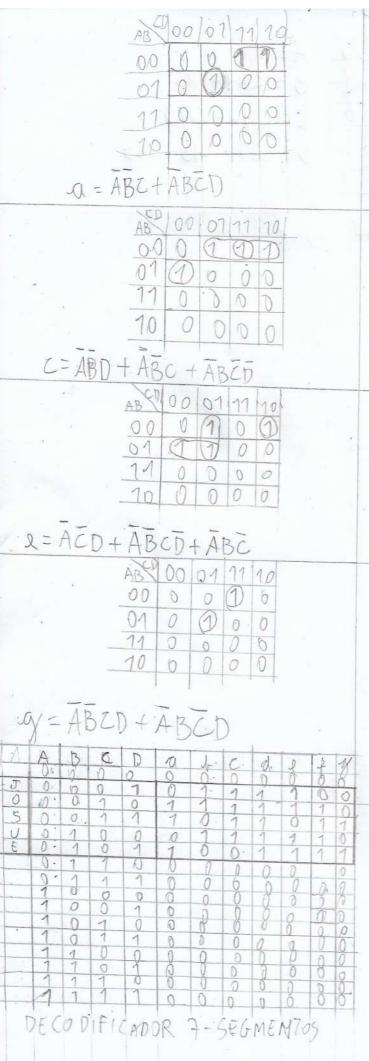
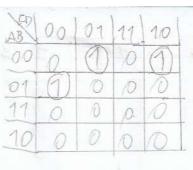


Trabalho de Circuitos Digitais – Codificador e Decodificador

Nome: JOSUE DE SOUZA LOPES Matricula: 1820602 turno: Noite





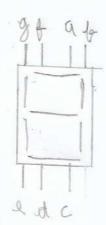


6 = ABED + ABED + ABED

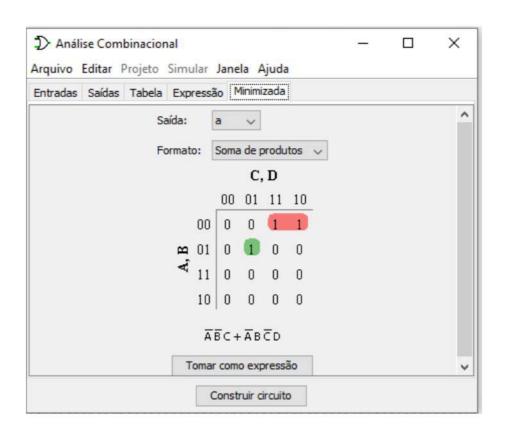
ABOD	00	07	12	101
0.0	0	1	1	1
01	9	1	0	0
11	0	0	0	0
10	0	0	0	0

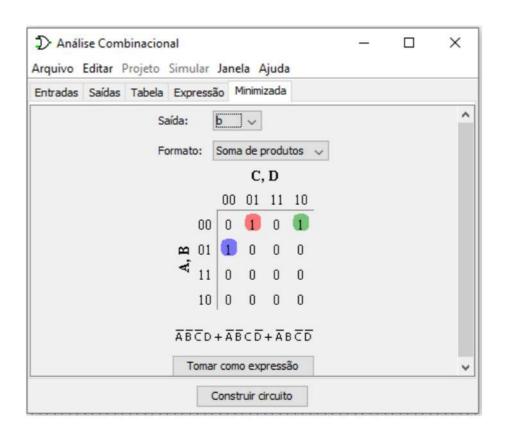
d = ABD+ABC+ABC ABC 00 01 11 10 00 0 0 0 1 1 01 (1 1) 0 0 11 0 0 0 0

f= ABC + ABC

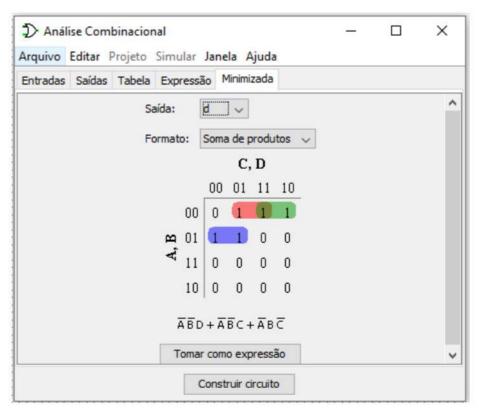


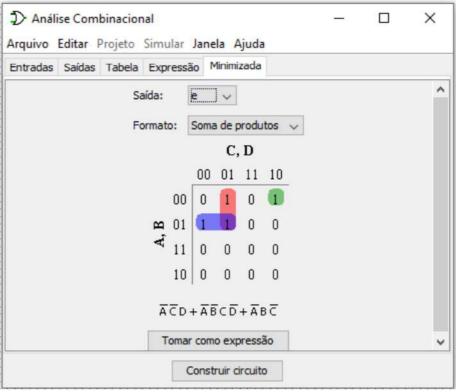
-			TABEL	A VERDAD	E DO DECO	DDIFICADO	R 7 SEGMI	NTOS			
Т	Α	В	С	D	a	b	С	d	e	f	8
	0	0	0	0	0	0	0	0	0	0	C
J	0	0	0	1	0	1	1	1	1	0	C
0	0	0	1	0	1	1	1	1	1	1	C
S	0	0	1	1	1	0	1	1	0	1	1
U	0	1	0	0	0	1	1	1	1	1	(
E	0	1	0	1	1	0	0	1	1	1	1
	0	1	1	0	0	0	0	0	0	0	(
	0	1	1	1	0	0	0	0	0	0	(
	1	0	0	0	0	0	0	0	0	0	(
	1	0	0	1	0	0	0	0	0	0	(
	1	0	1	0	0	0	0	0	0	0	(
	1	0	1	1	0	0	0	0	0	0	(
	1	1	0	0	0	0	0	0	0	0	0
	1	1	0	1	0	0	0	0	0	0	C
	1	1	1	0	0	0	0	0	0	0	(
	1	1	1	1	0	0	0	0	0	0	0

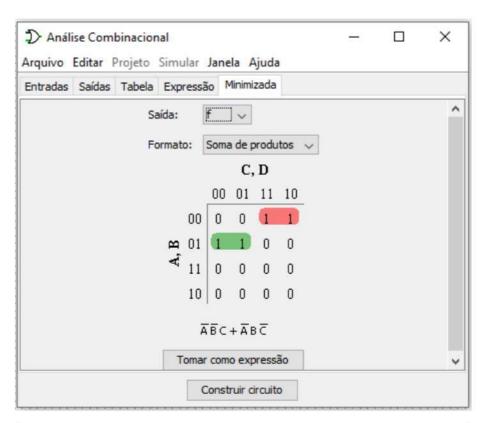




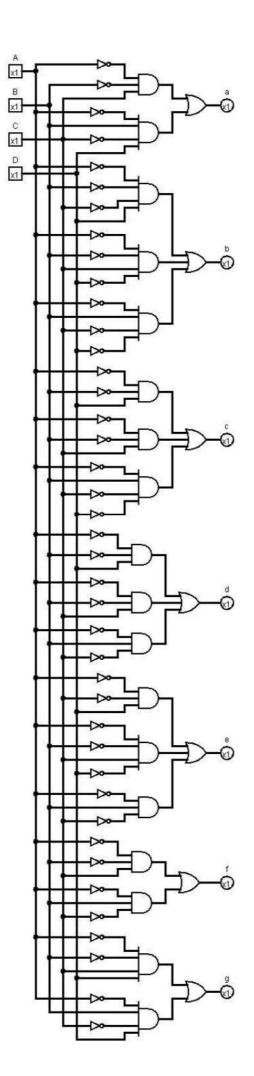




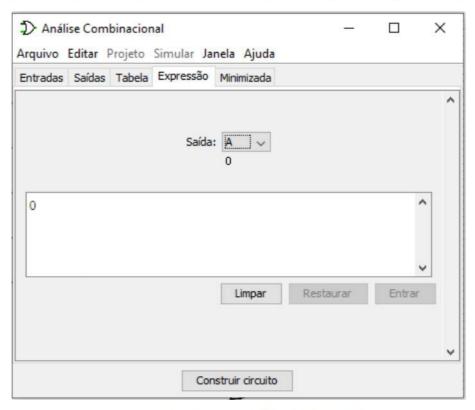


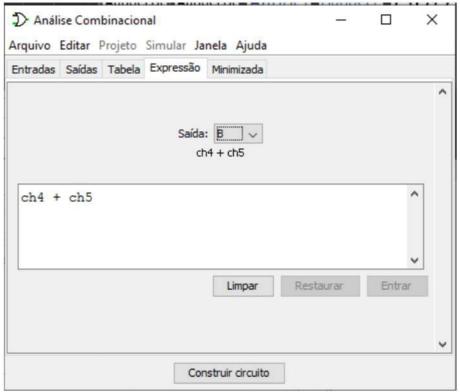


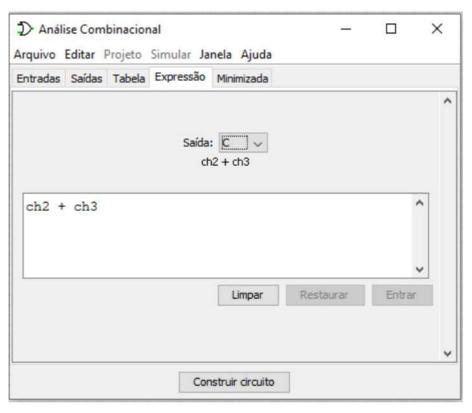


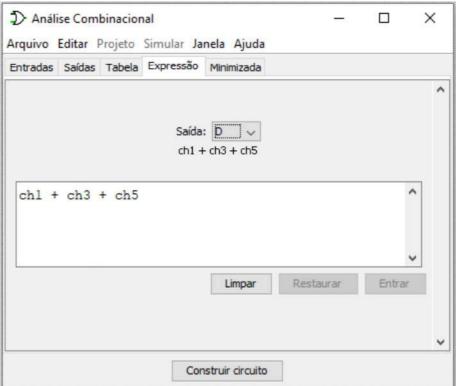


+			TABELA							
Ī	СНО	CH1	CH2	СНЗ	CH4	CH5	Α	В	С	D
	1						0	0	0	0
J		1					0	0	0	1
0			1				0	0	1	0
S				1			0	0	1	1
J					1		0	1	0	0
E						1	0	1	0	1



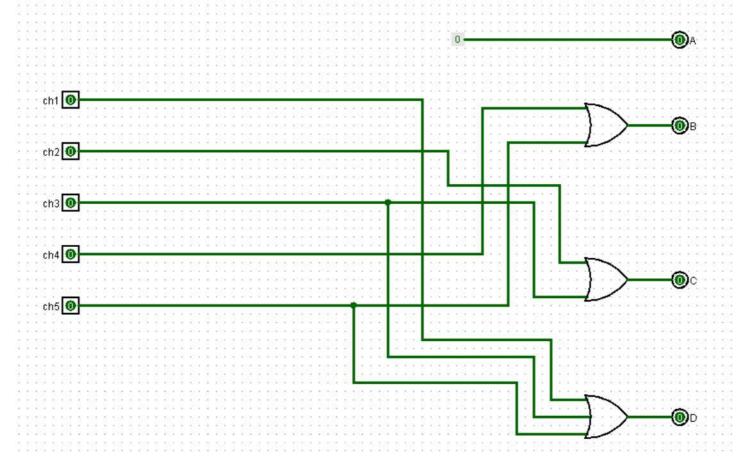






2027 F	1	1	1	1 1	1	1	0000	B 0 0 0 1	0 0 1 1 0 0	D 0 1 0 1 1 0 1	A=0 B=CH4+CH C=CH2+C D=ZH1+CH	H3	
	. A	BEC,	A V	ERD	ANE			CO	Diff	HCA	DOR		
	*	* .										100	
		2											
				*									
				20					5			practitive o	

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Como o Codificador Decimal/BCD8421 (nível alto) é para a conexão de um decodificador de 7 segmentos para um display(catodo comum), foi feito um conjunto de codificadores isolando as entradas desnecessárias para a saída para o display, somente uma entrada liberada para a letra especificada

