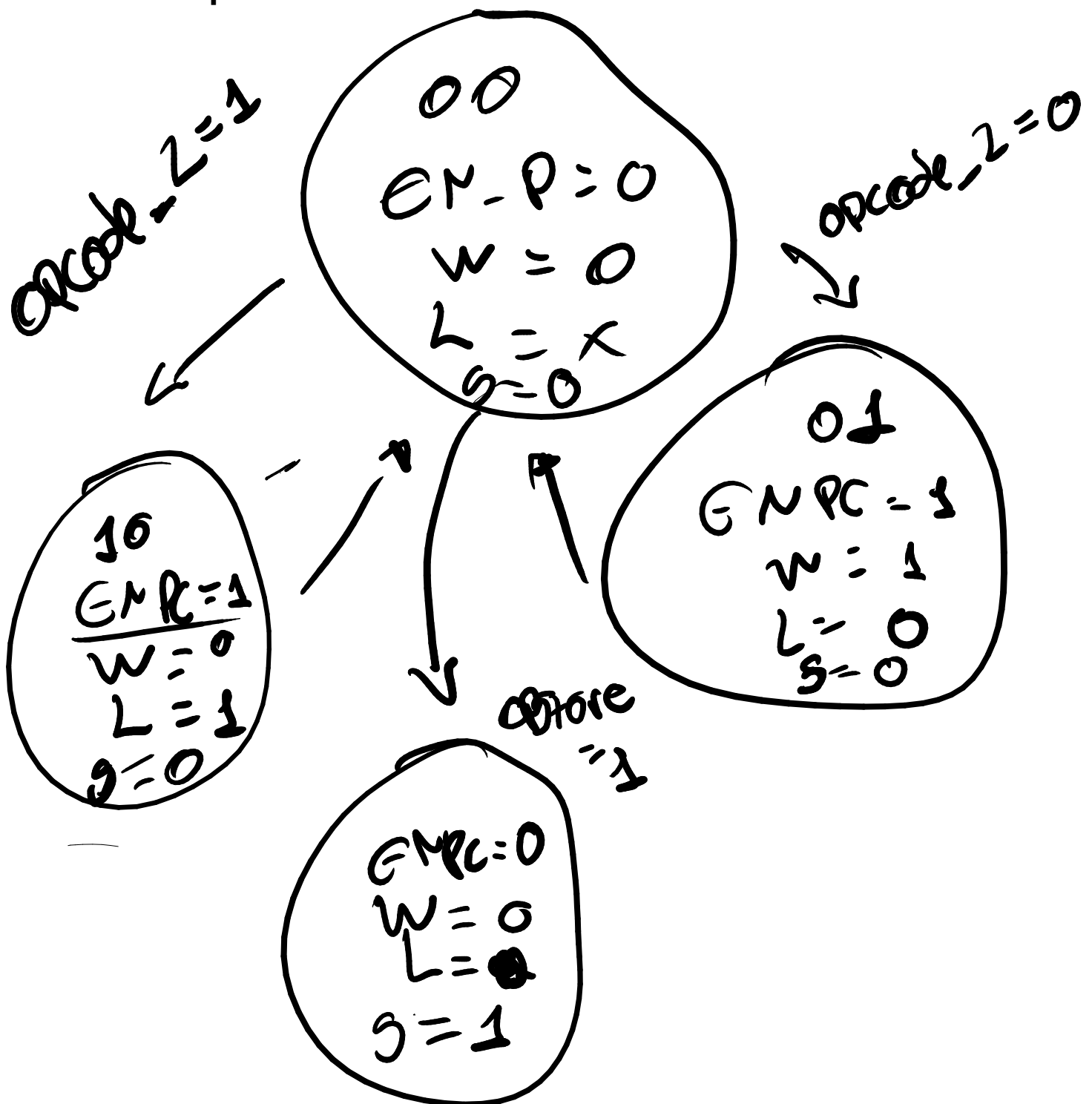


Desenvolvimento da Parte de Controle

- Bruno Forgiarini
- Ely Neto
- Pablo Henrique



EN_PC=Ativa o Contador

W=Controla Escrita nos Registradores

L=Controla os desvios

S=Controla o Store

OPCODE_2=bit mais significativo do opcode

OPSTORE= Opcode do Store

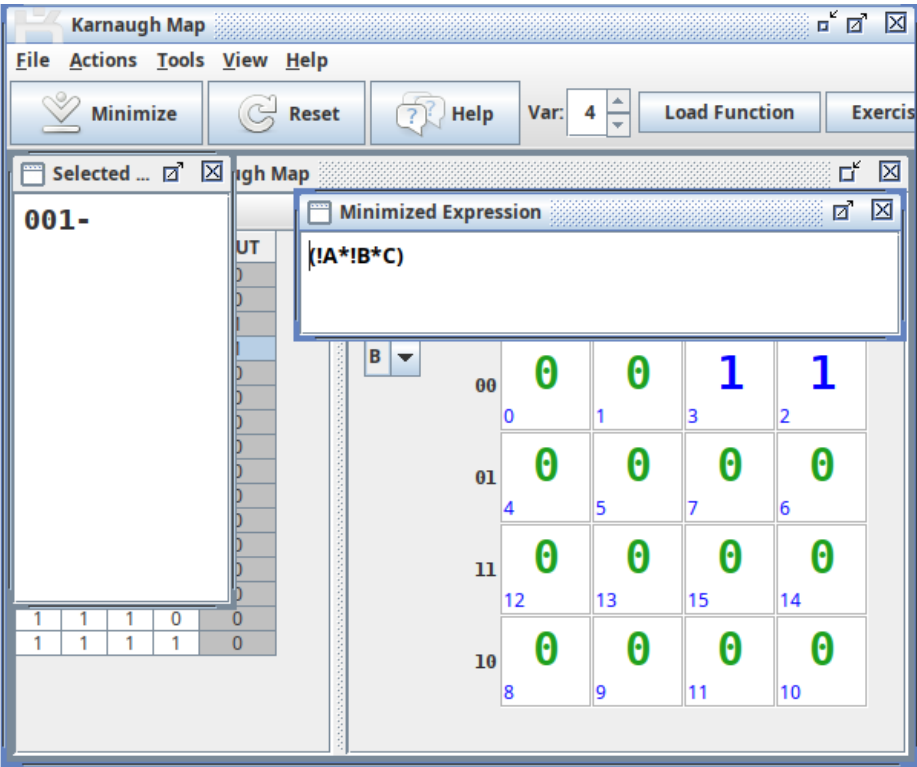
TABELA VERDADE =====

ESTADO ATUAL		ENTRADAS		PROX ESTADO	
ST1	ST0	OPCODE	OPSTORE	ST1	ST0
0	0	0	0	0	1
0	0	0	1	0	1
0	0	1	0	1	0
0	0	1	1	1	1
0	1	0	0	0	0
0	1	0	1	0	0
0	1	1	0	0	0
0	1	1	1	0	0
1	0	0	0	0	0
1	0	0	1	0	0
1	0	1	0	0	0
1	0	1	1	0	0
1	1	0	0	0	0
1	1	0	1	0	0
1	1	1	0	0	0
1	1	1	1	0	0

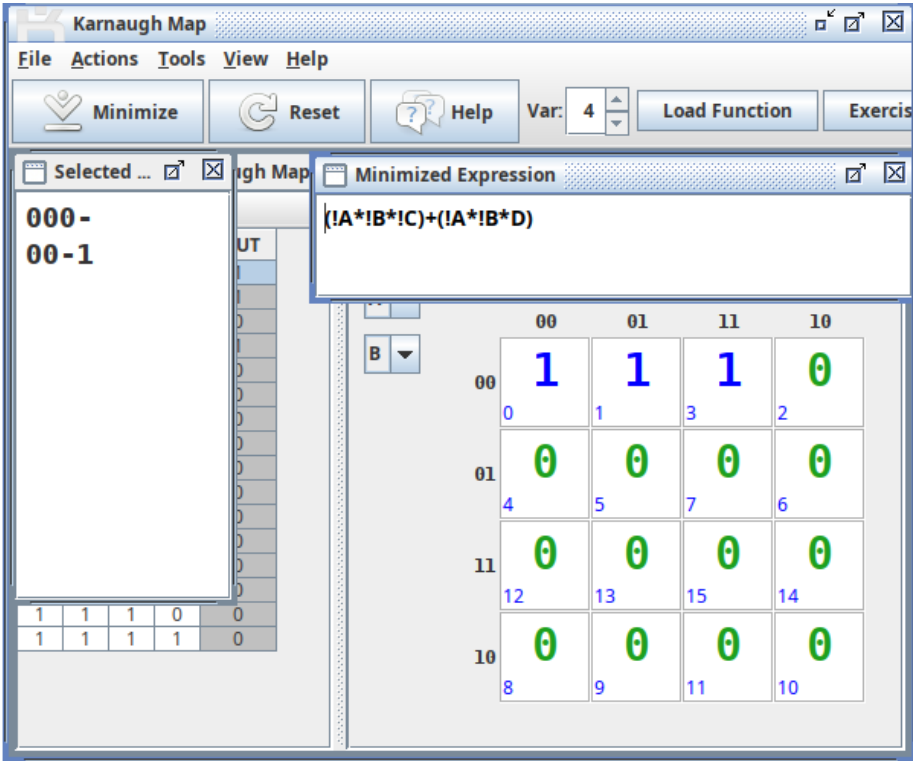
ESTADO		SAIDAS			
ST1	ST0	EN_PC	W	L	S
0	0	0	0	X	0
0	1	1	1	0	0
1	0	1	0	1	0
1	1	1	0	0	1

MAPAS DE KARNAUGH

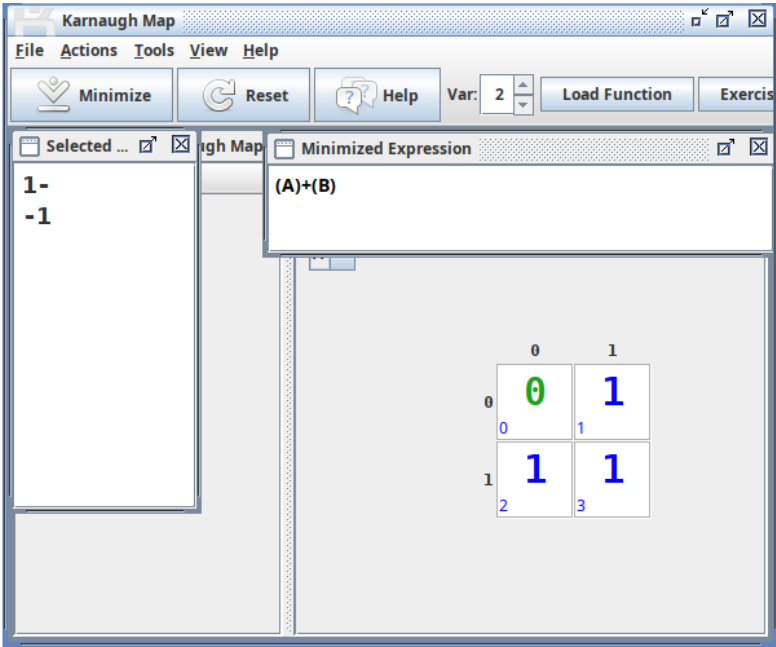
ST1



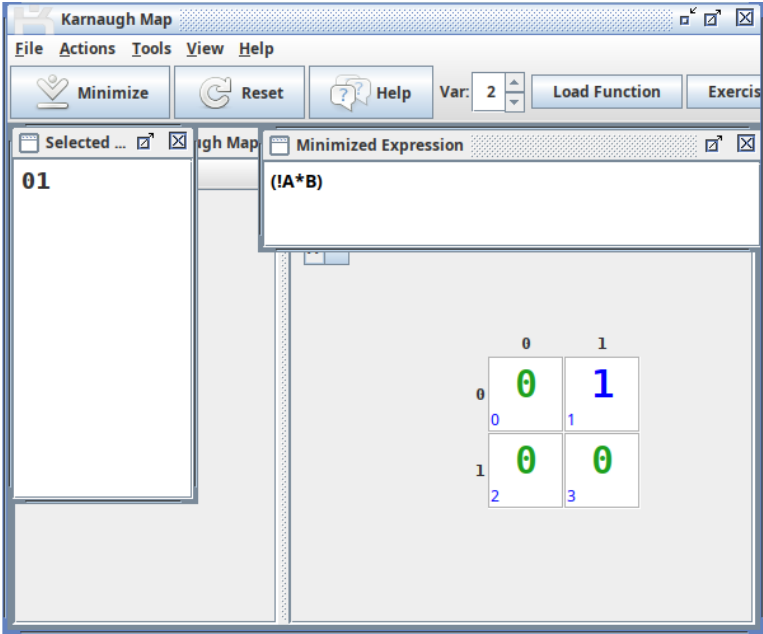
ST0



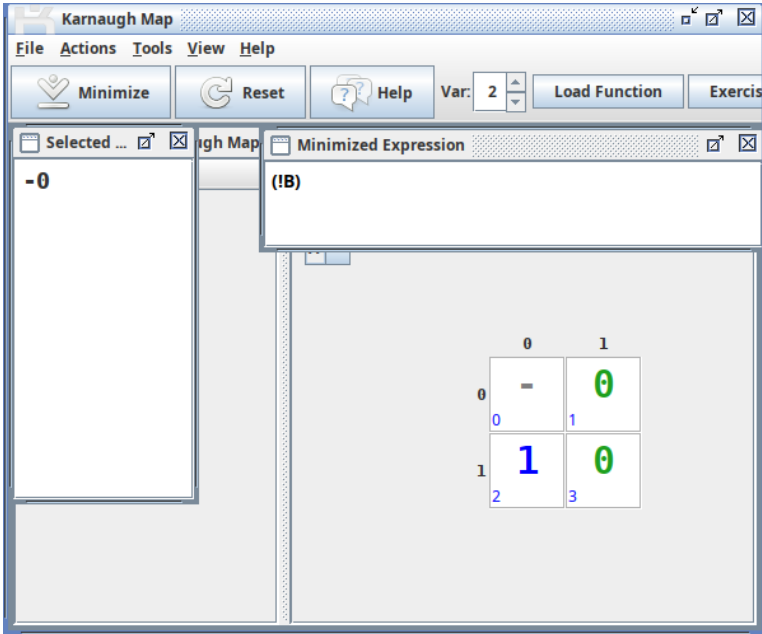
ENABLE PC (EN_PC)



WRITE(W)



LOAD(L)



STORE (S)

Karnaugh Map

File Actions Tools View Help

Minimize Reset Help Var: 2 Load Function Exercis

Selected ... Karnaugh Map Minimized Expression

11

(A*B)

	0	1
0	0	0
1	0	1
	2	3