

LAB-6

ID NUMBER:2019A3PS1119P

4:1 MUX

Logisim: main of Untitled

File Edit Project Simulate Window Help

75%

Tool: Text Tool

Text:
Font: SansSer...
Horizon... Center
Vertical... Base

4:1 Mux

Combinational Analysis

File Edit Project Simulate Window Help

Inputs Outputs Table Expression Minimized

1	1	1	0	0	1	0	0
1	1	1	0	0	1	1	1
1	1	1	0	1	0	0	0
1	1	1	0	1	0	1	1
1	1	1	0	1	1	0	0
1	1	1	0	1	1	1	1
1	1	1	1	0	0	0	0
1	1	1	1	0	0	1	1
1	1	1	1	0	1	0	0
1	1	1	1	0	1	1	1
1	1	1	1	1	0	0	0
1	1	1	1	1	0	1	1
1	1	1	1	1	1	0	0
1	1	1	1	1	1	1	1

Build Circuit

Type here to search

18:44 06-10-2020

Logisim: main of Untitled

File Edit Project Simulate Window Help

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Tool: Text Tool

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Horizon... Center
Vertical... Base

4:1 Mux

Combinational Analysis

File Edit Project Simulate Window Help

Inputs Outputs Table Expression Minimized

0	1	0	1	0	0	1	0
0	1	0	1	0	1	0	0
0	1	0	1	0	1	1	0
0	1	0	1	1	0	0	0
0	1	0	1	1	0	1	0
0	1	0	1	1	1	0	0
0	1	1	0	0	0	1	0
0	1	1	0	0	0	1	0
0	1	1	0	0	1	0	0
0	1	1	0	1	0	0	0
0	1	1	0	1	0	1	0
0	1	1	0	1	1	0	0

Build Circuit

Type here to search

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File Edit Project Simulate Window Help

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Text:
Font: SansSer...
Horizon... Center
Vertical... Base

4:1 Mux

Combinational Analysis

File Edit Project Simulate Window Help

Inputs Outputs Table Expression Minimized

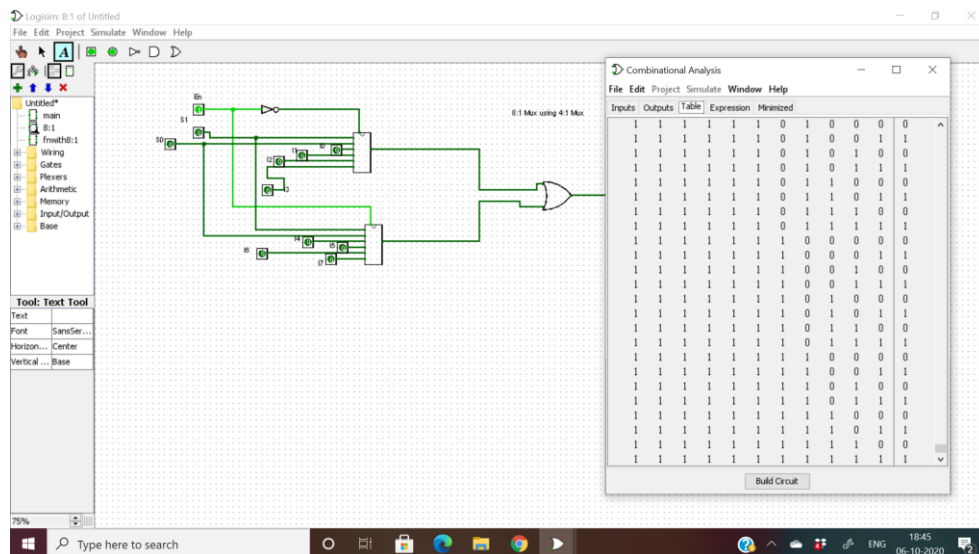
a	b	c	d	e	f	g	x
0	0	0	0	0	0	0	0
0	0	0	0	0	0	1	0
0	0	0	0	0	1	0	0
0	0	0	0	0	1	1	0
0	0	0	0	1	0	0	0
0	0	0	0	1	0	1	0
0	0	0	0	1	1	0	0
0	0	0	0	1	1	1	0
0	0	0	1	0	0	0	0
0	0	0	1	0	0	1	0
0	0	0	1	0	1	1	0
0	0	0	1	1	0	0	0

Build Circuit

Type here to search

18:44 06-10-2020

8:1 MUX

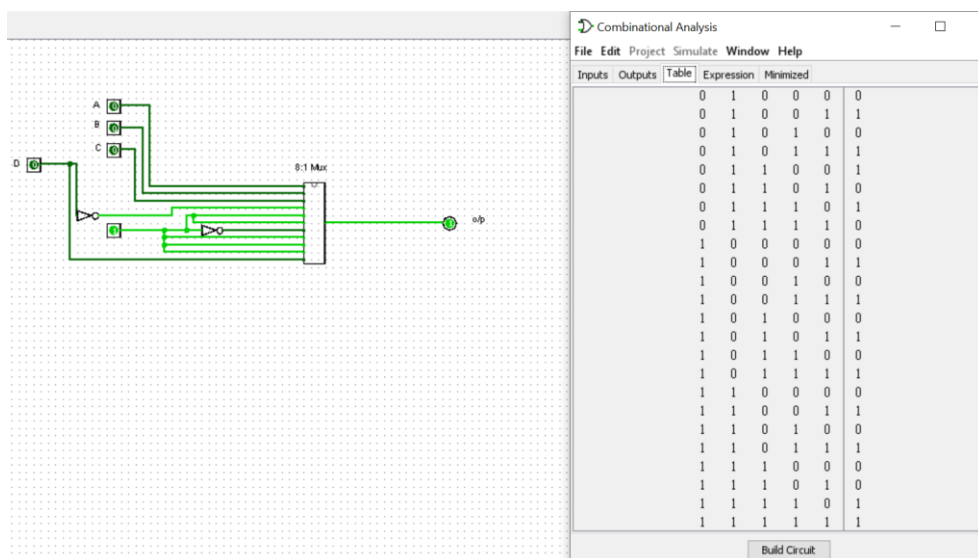
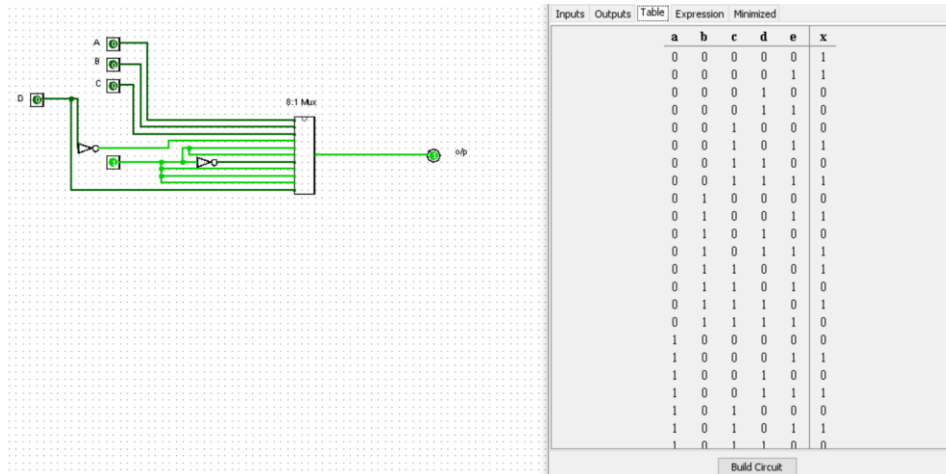


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Q3

USING 8:1 MUX



LAB-6

ID NUMBER:2019A3PS1119P

USING 4:1 MUX

