COS10004: Computer Systems

Lab 1

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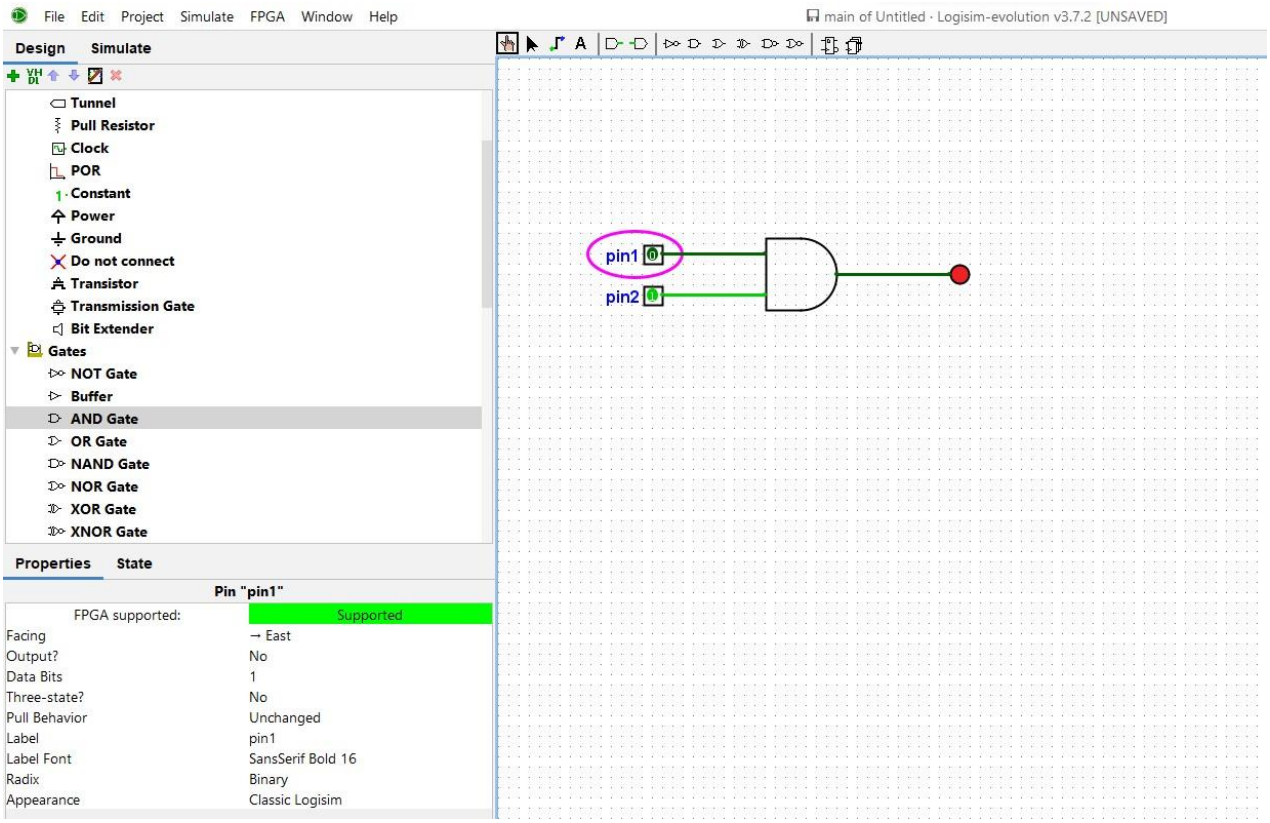
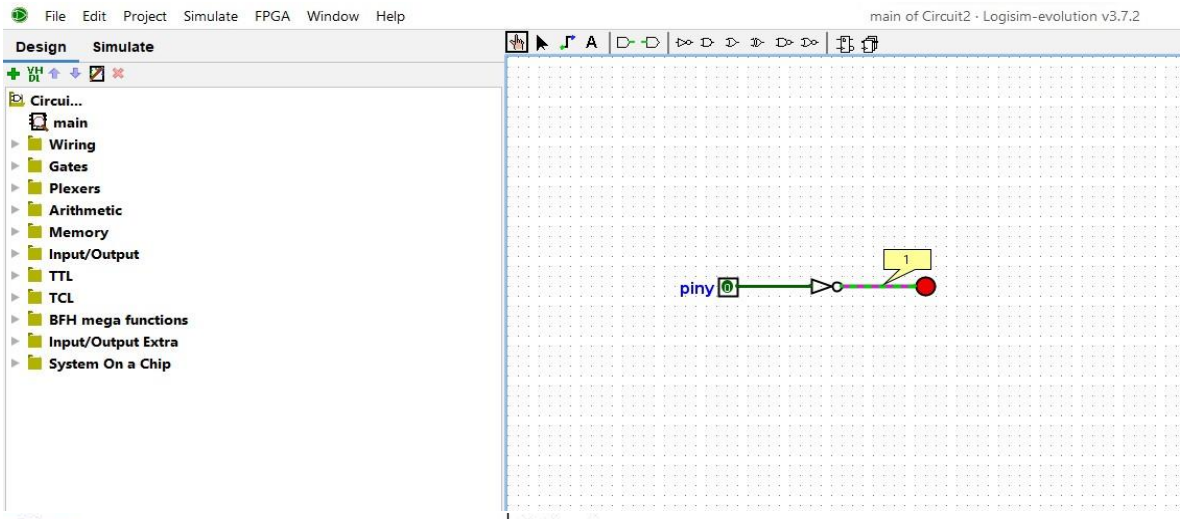


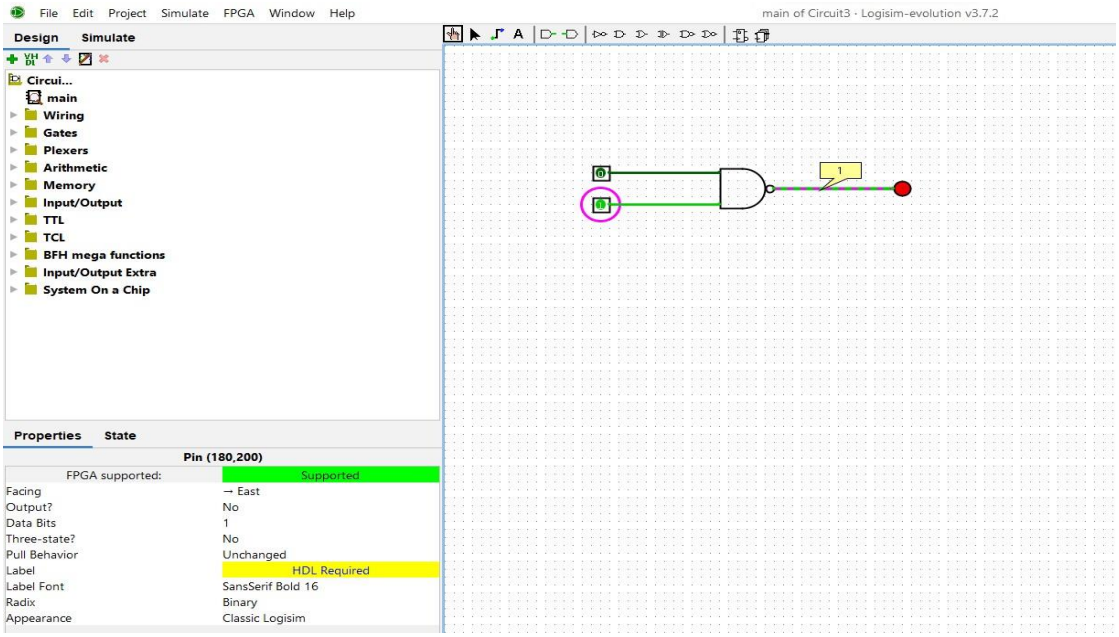
Pin 1	Pin 2	Output
0	0	0
0	1	0
1	0	0
1	1	1

Circuit 1



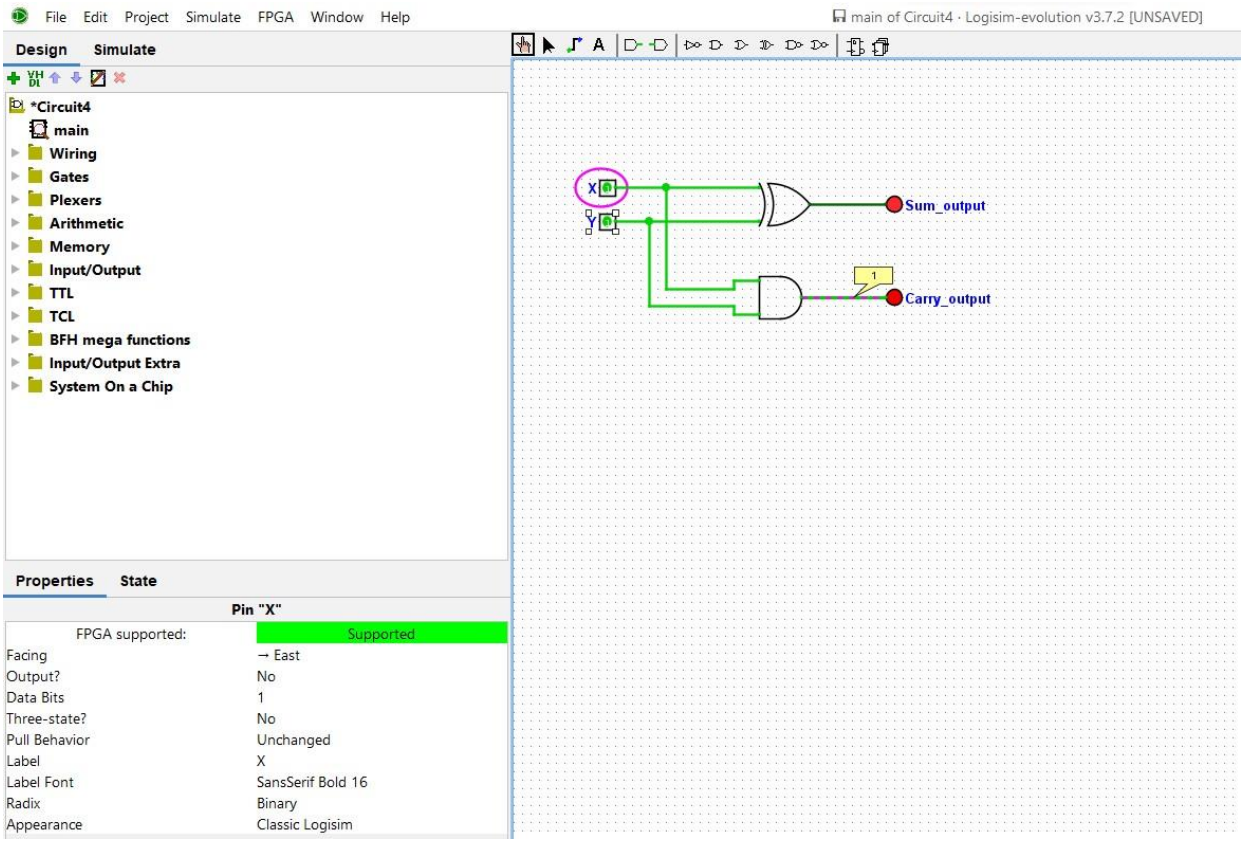
Piny	Output
0	1
1	0

Circuit 2



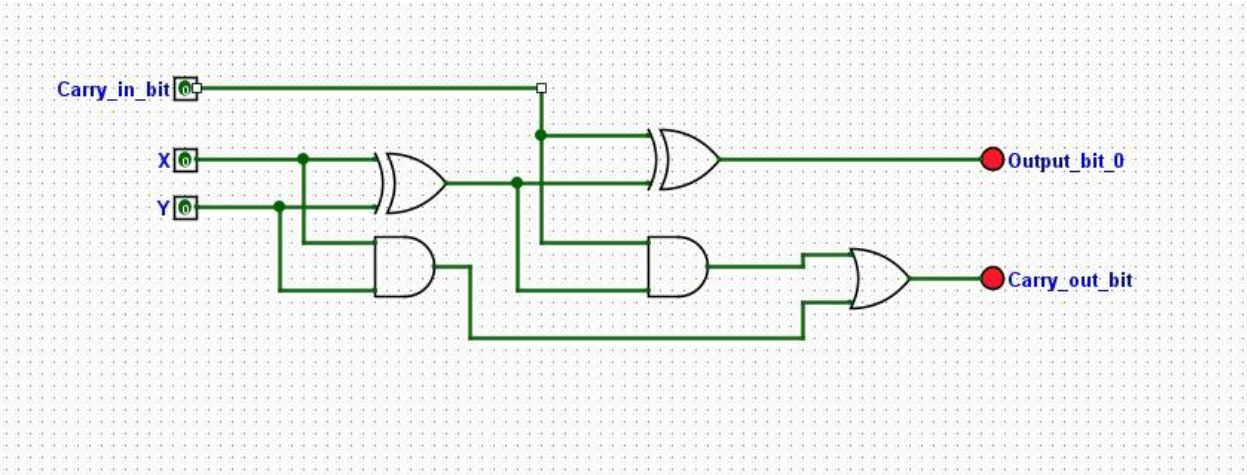
Pin 1	Pin 2	Output
0	0	1
0	1	1
1	0	1
1	1	0

Circuit 3



Pin 1	Pin 2	Sum Output	Carry Output
0	0	0	0
0	1	1	0
1	0	1	0
1	1	0	1

Circuit 4



Input 1	Input 2	Carry In	Sum Output	Carry Output
0	0	0	0	0
0	1	0	1	0
1	0	0	1	0
1	1	0	0	1
0	0	1	1	0
0	1	1	0	1
1	0	1	0	1
1	1	1	1	1

Circuit 5