

Princeton University  
COS 217: Introduction to Programming Systems  
Digital Circuit Simulator Input and Output for  
Example Two-Bit Counter Circuit Input and Output

Input	Output
0: 1	0: 1 01
1: 1	1: 1 10
2: 1	2: 1 11
3: 1	3: 1 00
4: 1	4: 1 01
5: 1	5: 1 10
6: 1	6: 1 11
7: 1	7: 1 00
8: 1	8: 1 01
9: 1	9: 1 10
10: 0	10: 0 01
11: 0	11: 0 00
12: 0	12: 0 11
13: 0	13: 0 10
14: 0	14: 0 01
15: 0	15: 0 00
16: 0	16: 0 11
17: 0	17: 0 10
18: 0	18: 0 01
19: 0	19: 0 00
50: 0	50: 0 01