

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

Input	Output
	x A B
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
	0.010000 seconds