HW 4 Solution (courtesy of an un-named student)

CS0	CS1	NS0	NS1	OUT0	OUT1
0	0	0	1	0	0
0	1	1	0	0	1
1	0	1	1	1	0
1	1	0	0	1	1
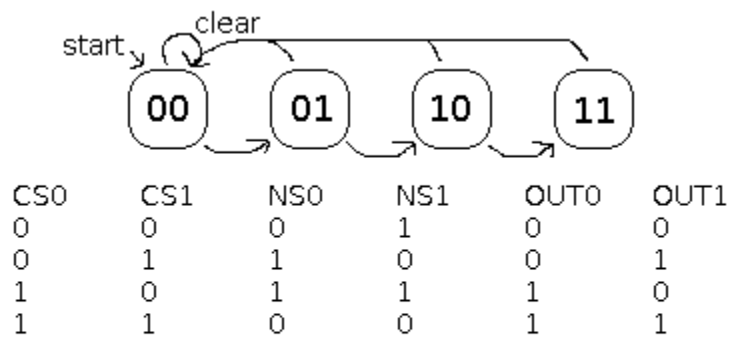
('CS0)(CS1)+(CS0)('CS1) = NS0
('CS0)('CS1)+(CS0)('CS1) = NS1
CS0 = OUT0
CS1 = OUT1

[Logisim Model](#)