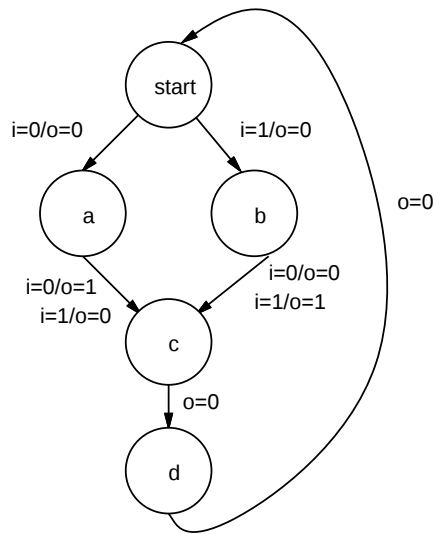


Consider the following Finite State Machines:



i	State	NextState	o
0	S0	S1	0
1	S0	S2	0
0	S1	S3	1
1	S1	S4	0
0	S2	S4	0
1	S2	S4	1
-	S3	S5	0
-	S4	S5	0
-	S5	S0	0

Are the two FSMs equivalent? (*i.e.*, do they produce the same observable output sequence for any input sequence?)