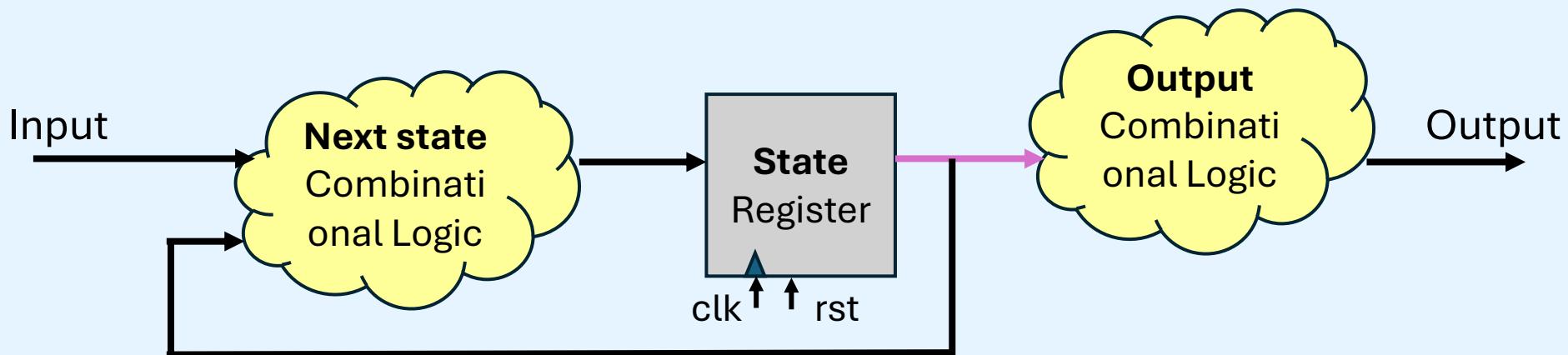
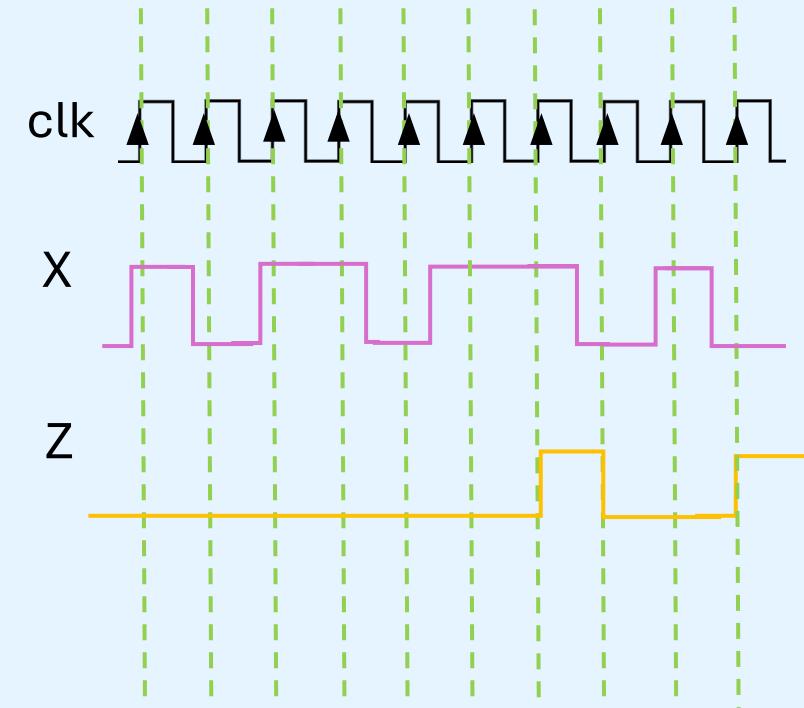
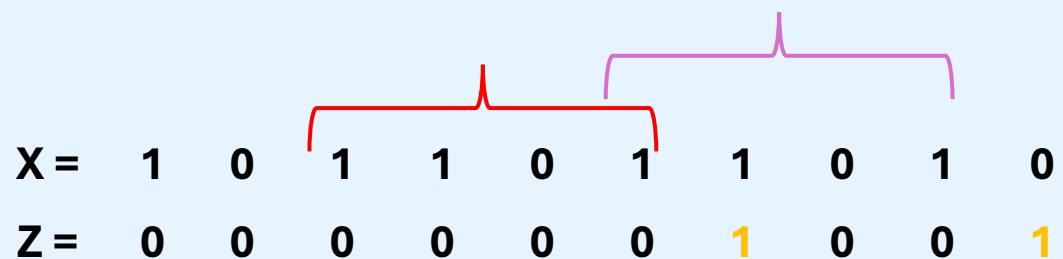


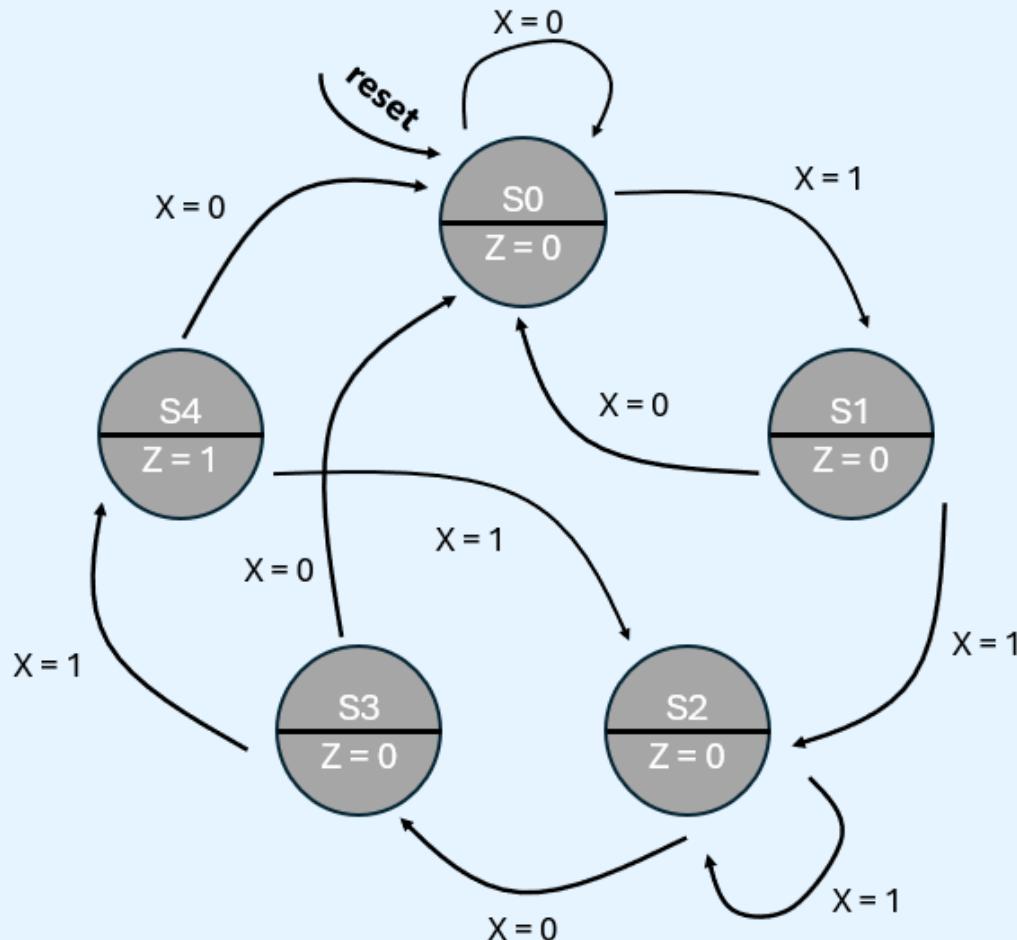
1101 sequence detector

Using Moore Machine



Moore Machine

1101 sequence detector diagram



State	Next State	X = 0	X = 1
PS	Z		
S0	0	S0	S1
S1	0	S0	S2
S2	0	S3	S2
S3	0	S0	S4
S4	1	S0	S2