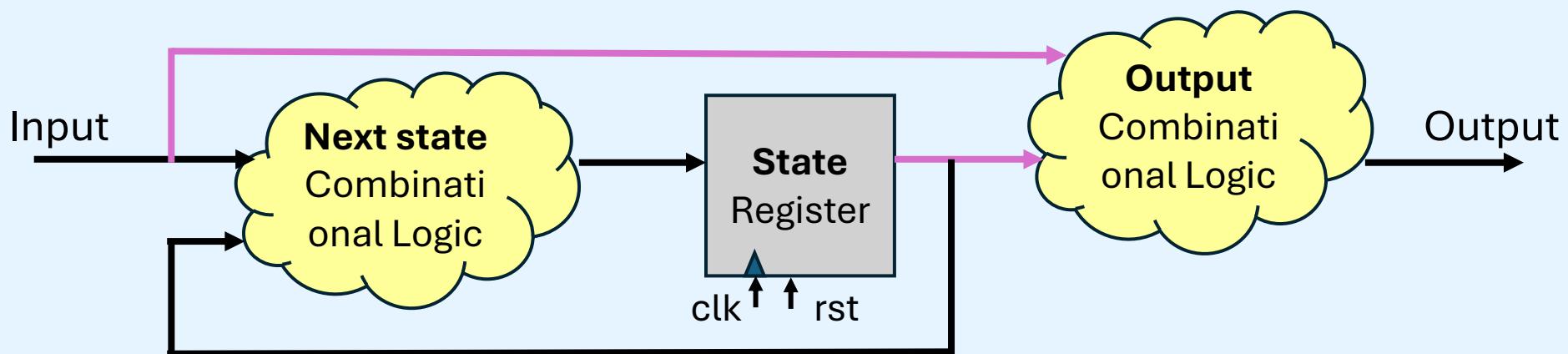
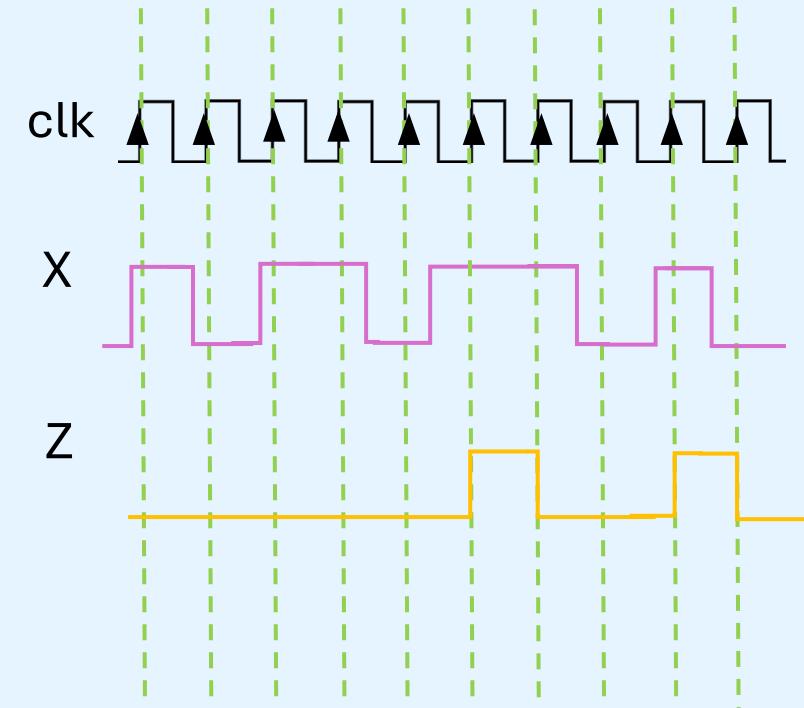
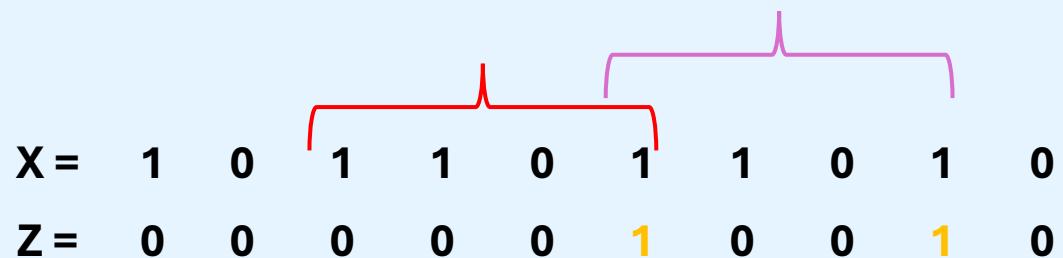


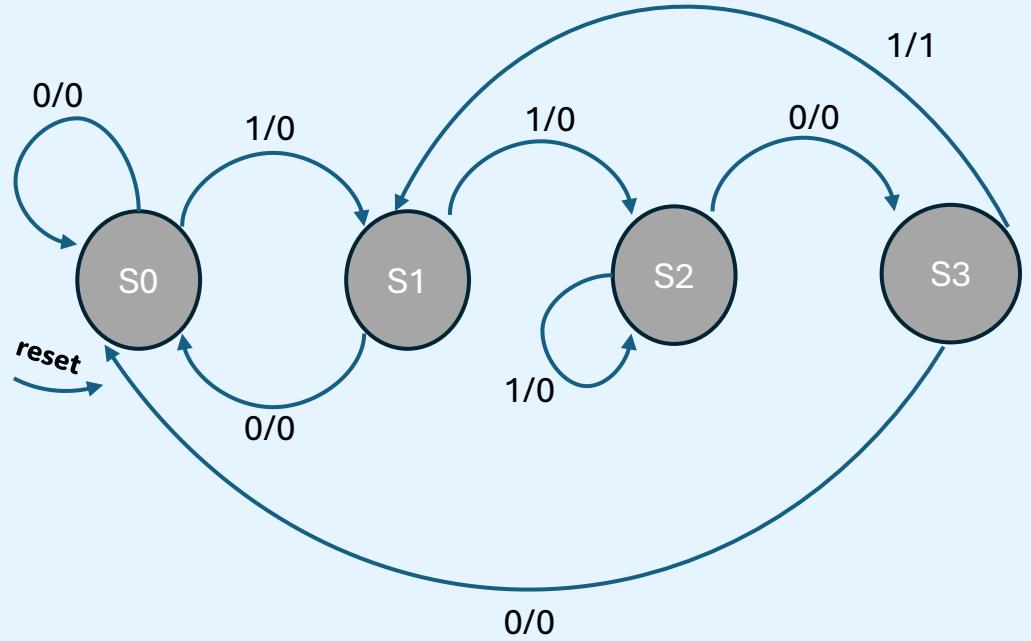
# 1101 sequence detector

## Using Mealy Machine



# Mealy Machine

1101 sequence detector diagram



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