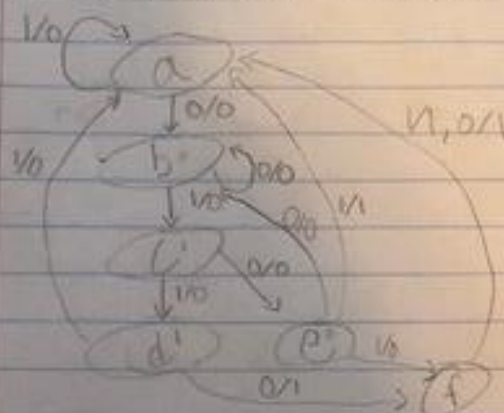


0101, 0110

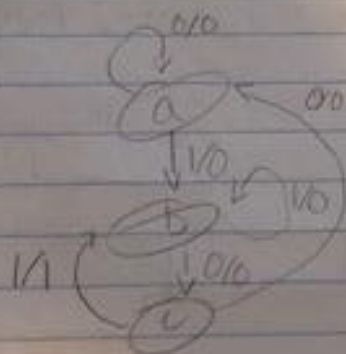
1.11a

$x = 0100111010101101$
 $z = 00000000011000011$

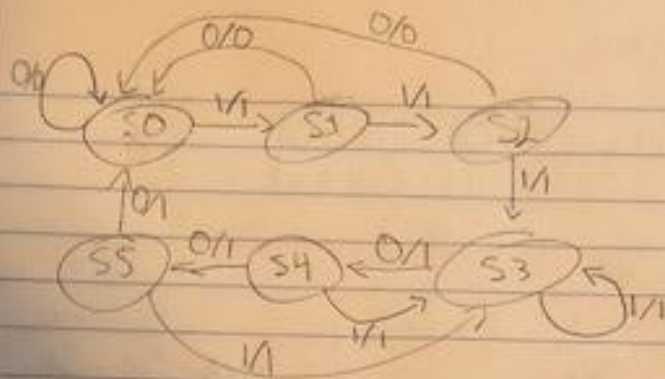


		x=0	1	x=0	1
Reset	S ₀	S ₁	S ₂	0	0
0	S ₁	S ₁	S ₂	0	0
01	S ₂	S ₃	S ₃	0	0
010	S ₃	S ₄	S ₃	0	1
011	S ₄	S ₅	S ₅	1	0
0101	0101	S ₅	S ₅	1	1
0110					

101



1.15



Present	X=0	1	
S0	S0	S1	0
S1	S0	S2	0
S2	S0	S3	0
S3	S4	S3	1
S4	S5	S3	1
S5	S0	S3	1

1.20



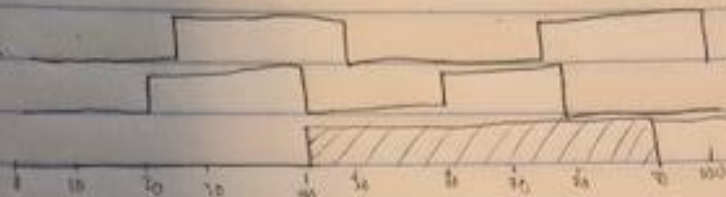
$$\text{delay} < t_{\text{on}} - t_{\text{off}} = 8\text{ns}$$

1.23

clk

D

Q



1.26

clk

X

PS

NS

Z

