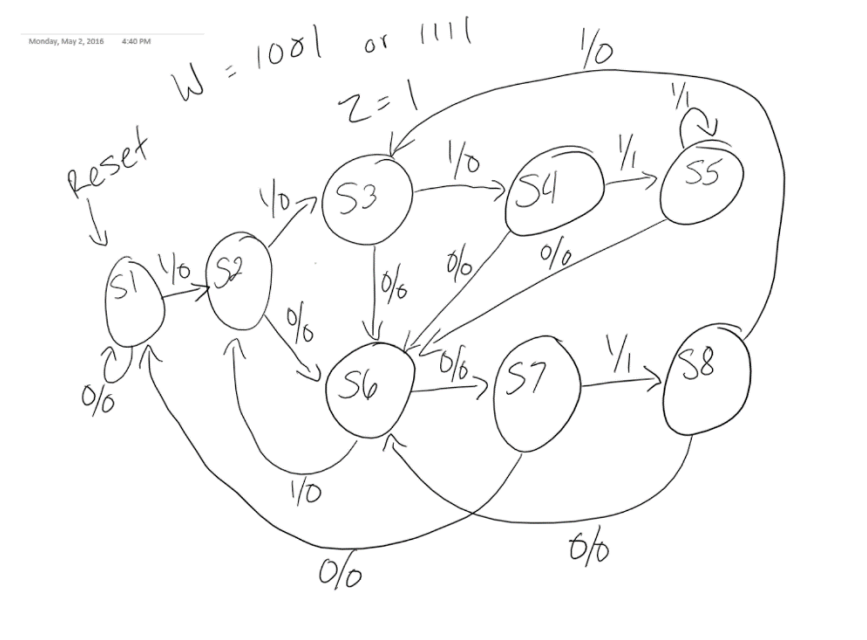
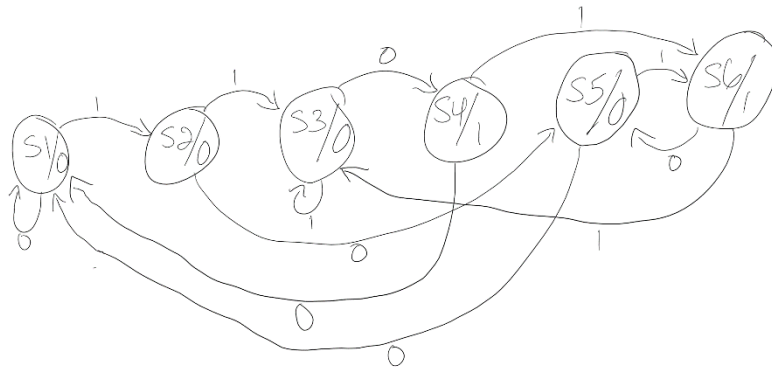


8.3:

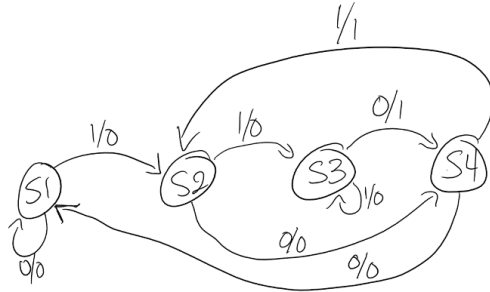


8.5:



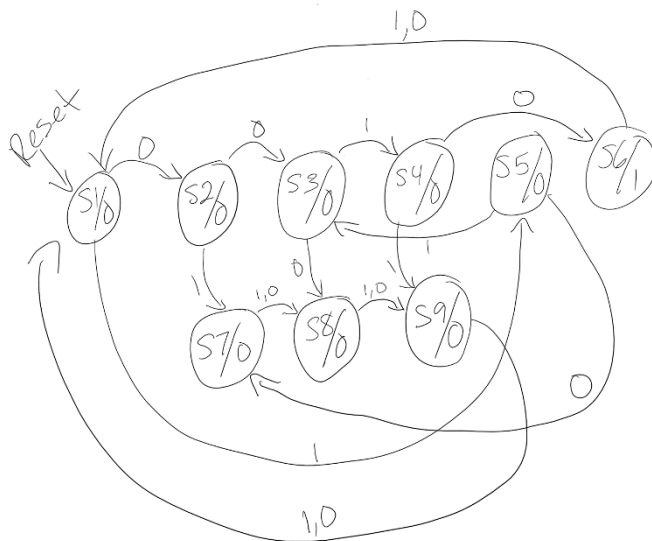
Present State	Next State		Output z
	$w = 0$	$w = 1$	
S1	S1	S2	0
S2	S5	S3	0
S3	S4	S3	0
S4	S1	S6	1
S5	S1	S6	0
S6	S5	S3	1

8.6:



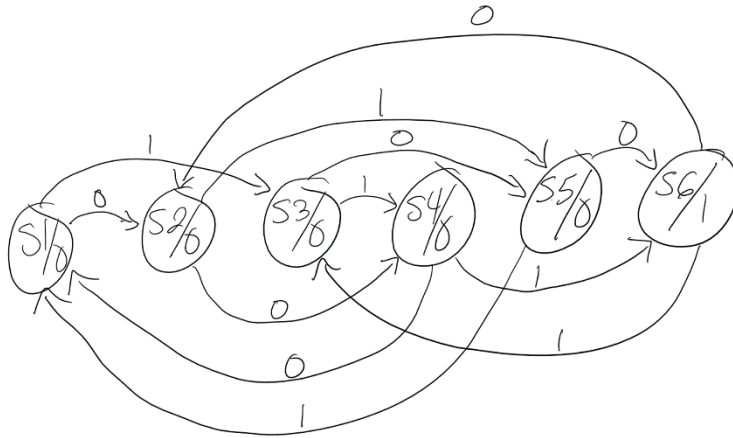
Present State	Next State		Output z	
	w = 0	w = 1	w = 0	w = 1
S1	S1	S2	0	0
S2	S4	S3	0	0
S3	S4	S3	1	0
S4	S1	S2	0	1

8.11:



Present State	Next State		Output z
	w = 0	w = 1	
S1	S2	S5	0
S2	S3	S7	0
S3	S8	S4	0
S4	S6	S9	0
S5	S7	S3	0
S6	S1(RESET)	S1(RESET)	1
S7	S8	S8	0
S8	S9	S9	0
S9	S1(RESET)	S1(RESET)	0

8.12:



Present State	Next State		Output z
	w = 0	w = 1	
S1	S2	S3	0
S2	S4	S5	0
S3	S5	S4	0
S4	S1	S6	0
S5	S6	S1	0
S6	S2	S3	1