CS 302
QUIZ 1

ANSWERS

19 October, 2020

(a) *(5 pts)*

state	input	next state
1=A	0	1,2, 4=C
1	1	3=B
2	0	1,2, 4
2	1	∅=D
3	0	∅
3	1	1,2,4
4	0	1,2,4
4	1	3
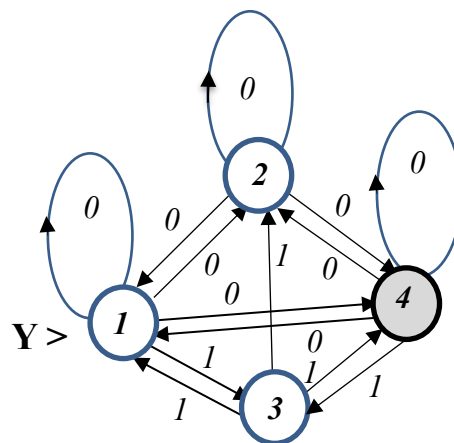
(b) *(5 pts)*

state	input	next state
>A	0	C
A	1	B
B	0	D
B	1	C
C*	0	C
C*	1	B
D	0	D
D	1	D