RGPV 2009

Construct a Mealy mcahine which is equivalent to the Moore mchine given below.

Present State	Next State		Output
	a = 0	a = 1	
q0	q1	q2	1
q1	q3	q2	0
q2	q2	q1	1
q3	q0	q3	1

Ans. Mealy machine

Present State	Next State			
	a = 0		a = 1	
	Next State	Output	Next State	Output
q0	q1	0	q2	1
q1	q3	1	q2	1
q2	q2	1	q1	0
q3	q0	1	q3	1

Mealy machine

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