























Exa	ample	A par	ity cl	hecker					
1. St	ate-trar Moor	e e	ble						
Present State	Input	Next State	Prese Outpu	nt Jt					
Even Even Odd	0 1 0	Even Odd Odd	0 0 1		Mealy				
Odd	1	Even	1	Present State	Input	Next State	Present Output		
			_	Even Even Odd Odd	0 1 0 1	Even Odd Odd Even	0 1 1 0		
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Example: A parity checker									
4. State encoding Moore					Assignment Even ସ୍ଥ୍ୟ 0 Odd ସ୍ଥ୍ୟ 1				
Present State	Input	Next State	Present Output						
0 0 1 1	0 1 0 1	0 1 1 0	0 0 1 1	Mealy					
		I	Present State	Input	Next State	Present Output			
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A vending machine: State encoding Moore Mealy										
present state ir Q1 Q0 D	nputs DN	next state D1 D0	output open	prese 01	nt state Q0	inp D	uts <u>N</u>	next D1	state	output open
0 0 0 0 1) 1 0 1	0 0 0 1 1 0 	0 0 -	U	0	0 1 1	1 0 1	0 1 -	1 0 -	0 0 -
0 1 0 0 1 1) 0) 1 0 1	0 1 1 0 1 1 	0 0 0 -	0	1	0 0 1 1	0 1 0 1	0 1 1	1 0 1	0 0 1 -
1 0 0 0 1 1) 0) 1 0 1	1 0 1 1 1 1 	0 0 0 -	1	0	0 0 1 1	0 1 0 1	1 1 1	0 1 1 -	0 1 1
11 -		1 1	1	1	1	_	_	1	1	1
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