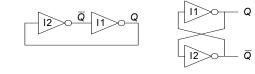




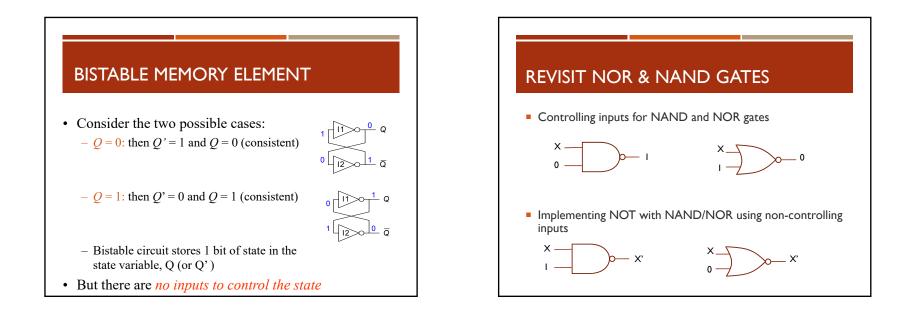
- Outputs depend on inputs and state variables
- The state variables embody the past
 - Storage elements hold the state variables
- A clock periodically advances the circuit

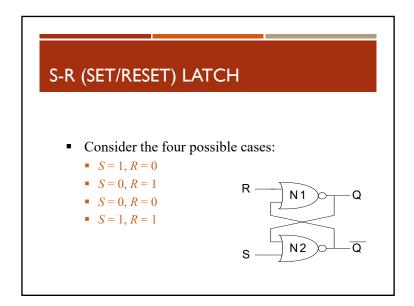
BISTABLE MEMORY STORAGE ELEMENT

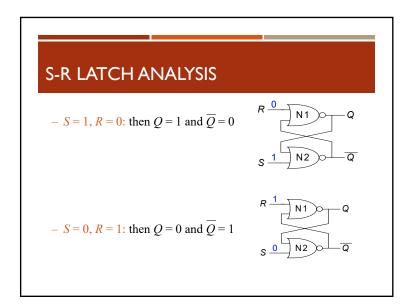
- Fundamental building block of other state elements
- Two outputs, Q, Q
- No inputs

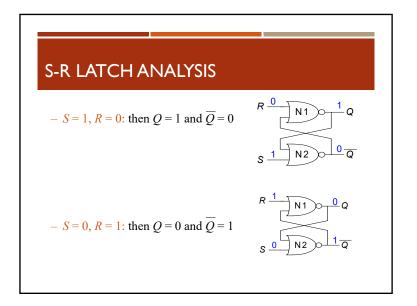


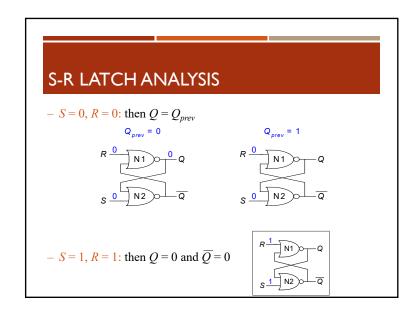
What does the circuit do?

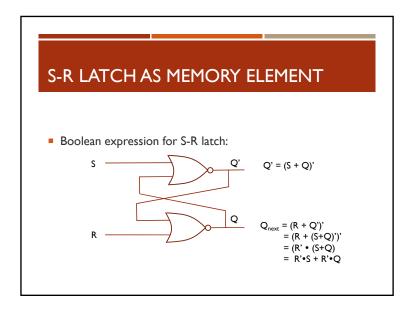












			OPER /		
	S	R	R' • S	R' • Q	Q _{next}
	0	0	0	Q	Q
	0	I.	0	0	0
	1	0	1	Q	I
	1	I	0	0	0
/her	n S=I	, R=1, la		become	vious state unstable

