

Finite State Machine

A description of a system with the following components:

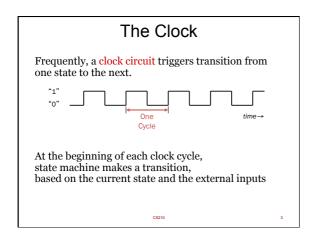
- A finite number of states
 A finite number of external inputs
 A finite number of external outputs
- 4. An explicit specification of all state transitions
- An explicit specification of what determines each external output value

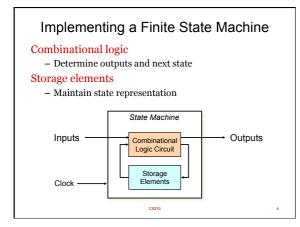
Often described by a state diagram.

- Inputs trigger state transitions.
 Outputs are associated with each state (or with each transition).

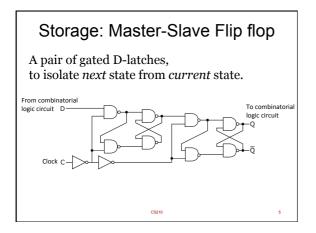
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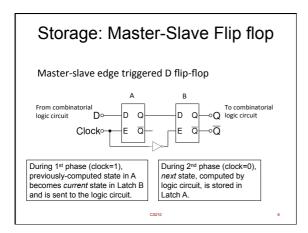














Flip-Flops

- Many types
- Look at

