









• Examples include multiplexor (figure B4), ALU of chapter 4.





State Elements, Continued
If we also want to be able to include state elements in a "feedback circuit" (outputs feed back into inputs), though, we'll need something more.
So, add more logic to get "flip-flop" (figure B15): While clock is 1, input is being "sampled" and stored in first latch, but can't affect output. When clock goes to 0, stop sampling input and use sampled value to set output.





