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IC Se17 Dr. Shaa baany
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verilog for sequential circuits
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```
module FF (clk, Rst, Q);
```

end

endmodule

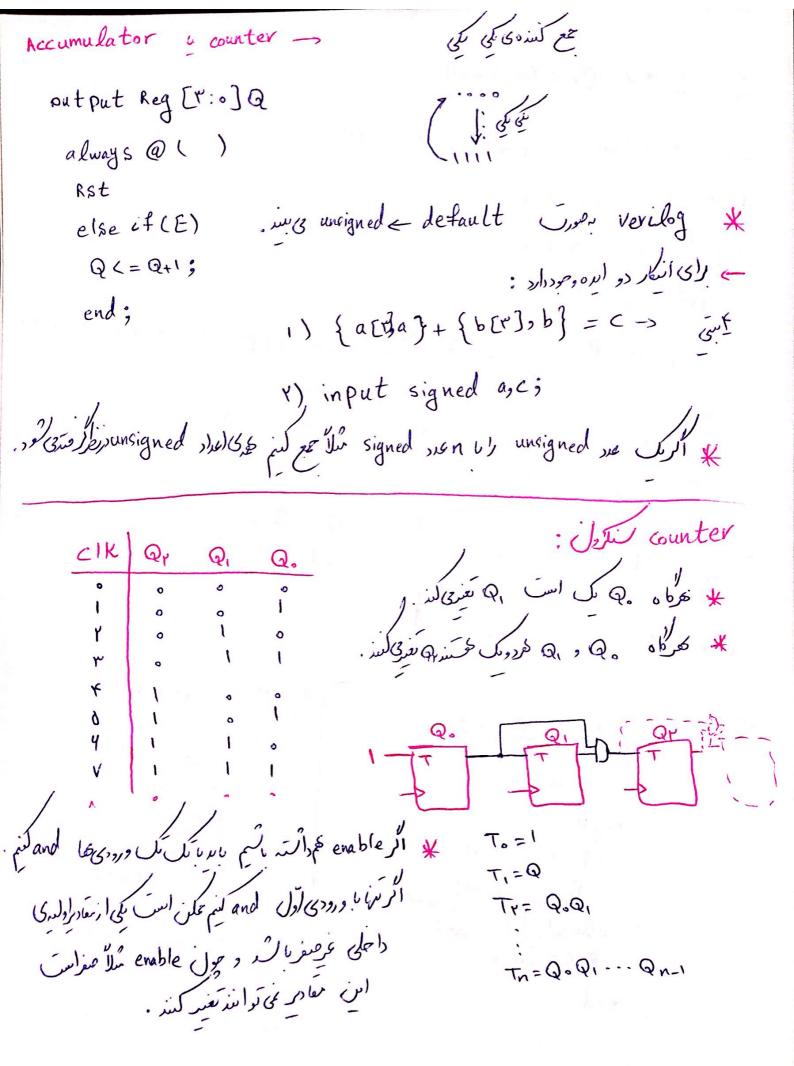
always @ (posedge cik) with always @ (posedge cik or posedge RSt)

end

```
output reg [3:0] R;
  always @(Pos...)
    begin
      if (Rst = = 0)
        R <= 4'bo;
      else (+ (E)) , input
      R L= In;
    end
```

always@(*) begin if (Rst = = 0) R L = 0; begin R[0] <= "; R E13 (= R 6); R[Y] <= R[1]; R[r] L= R[1]; eadmodule

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: D-FF Les Gunter

$$D_{i} = 1 \oplus Q_{i}$$
 $D_{i} = Q_{i} \oplus Q_{i}$
 $D_{i} = Q_{i} \oplus Q_{i} Q_{i}$
 $D_{i} = Q_{i} \oplus Q_{i-1} \cdots Q_{i}$

