



- 1.
2. Blocking assignments will run one line at a time like a code, while non-blocking assignments will run concurrently.

3. Yes, as such.

```
module shiftC(  
    output q,  
    input clock, d  
);  
    parameter WIDTH = 4;  
    reg [WIDTH-1:0] q;  
  
    always @(posedge clock)  
    begin  
        q[0] <= d;  
        q[WIDTH-1:1] <= q[WIDTH-2:0];  
    end  
Endmodule
```