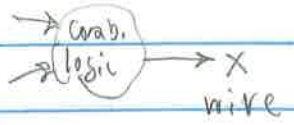
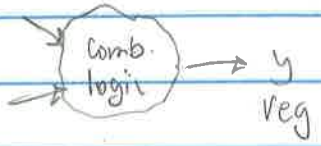
The only things in your HW verilog

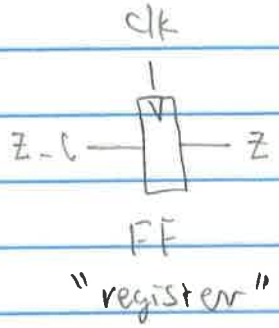
① wire x;
assign x = ~~~ ;



② reg y;
always @ (inputs of y) begin
y = ~~~ ;
end



③ reg z;
always @ (posedge clk)
z <= #1 z_c;
end



④ instantiate a module