1. This program uses verilog code to implement a fsm to detect four consecutive 0's or 1 consecutive 1's. This uses one hot encoding
2. This program uses verilog code to implement a fsm to detect four consecutive 0's or 1 consecutive 1's.
3. This program uses verilog code to implement shift registers to imitate the fsm to detect four consecutive 0's or 1 consecutive 1's.
4. This program displays the morse code of the letters A-H, denoted by SW[2:0] onto the LEDR's.