

```

timescale 1ns / 1ps
/*****
*
* Module: seven_segment
*
* Author: Noah Hanks
* Class: ECEN 220, Section 3, Fall 2020 - ECEN 220, Section 1, Winter 2020
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*
* Description: Sets switches and buttons to the data in seven segments to turn on
the display to the correct value.
*
*
*****/
`default_nettype none

module seven_segment_top(
input wire logic[3:0] sw,
input wire logic btnc,
output logic[7:0] segment,
output logic[3:0] anode

);
logic[3:0] data;
seven_segment SS0(.data(sw), .segment(segment[6:0]));
assign segment[7] = btnc==0;
assign anode = 4'b1110;

endmodule

```