





```
BCD to 7 seg.v x BCD to 7 seg tb.v*
                                 × Untitled 3*
                                              ×
/home/itzzinfinity/Cozy Drive/100daysofRTL/day 045/project 1/project 1.srcs/sim 1/new/BCD to 7 seg tb.v
                Q
 1
       timescale 1ns / 1ps
 2 🖨
       3 ¦
       // Engineer: Anjan Prasad
 4
       // Create Date: 11/05/2024 06:01:21 AM
 5
       1// Module Name: BCD to 7 seg tb
6 🖒
        7
 8
 9 🖨
       module BCD to 7 seg tb;
10
       req a,b,c,d;
11
       wire [6:0]S;
12
13
14
       BCD to 7 seg DUT (a,b,c,d,S);
15
16 🖨
       initial begin
17
           \{a,b,c,d\}=4'd0;
18
           #10 {a,b,c,d}=4'd1;
19
           #10 \{a,b,c,d\}=4'd2;
20
           #10 {a,b,c,d}=4'd3;
21
           #10 \{a,b,c,d\}=4'd4;
22
           #10 \{a,b,c,d\}=4'd5;
23
           #10 \{a,b,c,d\}=4'd6;
24
           #10 \{a,b,c,d\}=4'd7;
25
           #10 \{a,b,c,d\}=4'd8;
26
           #10 {a,b,c,d}=4'd9;
     \bigcirc
27
           #10 $finish;
28
29 🖒
        end
30
31 🖒
        endmodule
```