

mos_inv.v

x mos_inv_tb.v

x Untitled 2

x

/home/itzzinfinity/Cozy Drive/100daysofRTL/day_004/project_1/project_1.srscs/sources_1/new/mos_inv.v



```
1  `timescale 1ns / 1ps
2  //////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////
3  // Engineer: Anjan Prasad
4  // Create Date: 09/25/2024 09:54:11 AM
5  // Module Name: mos_inv_tb
6  //////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////
7
8
9  module mos_inv(
10     input in,
11     output out
12 );
13
14     supply0 gnd;
15     supply1 vdd;
16
17     pmos(out, vdd, in);
18     nmos(out, gnd, in);
19
20 endmodule
```

mos_inv.v



mos_inv_tb.v





Untitled 2



/home/itzzinfinity/Cozy Drive/100daysofRTL/day_004/project_1/project_1.srscs/sim_1/new/mos_inv_tb.v



```
1  `timescale 1ns / 1ps
2  //////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////
3  // Engineer: Anjan Prasad
4  // Create Date: 09/25/2024 09:54:11 AM
5  // Module Name: mos_inv_tb
6  //////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////////
7
8
9  module mos_inv_tb;
10
11      reg in;
12      wire out;
13      mos_inv dut(in, out);
14      initial in= 1'b0;
15      initial forever #50 in = ~in;
16      initial #600 $finish;
17  endmodule
```

						599,997 ps
Name	Value	599,993 ps	599,994 ps	599,995 ps	599,996 ps	599,997 ps
<div><div> in</div><div> out</div></div>	1					
	0					