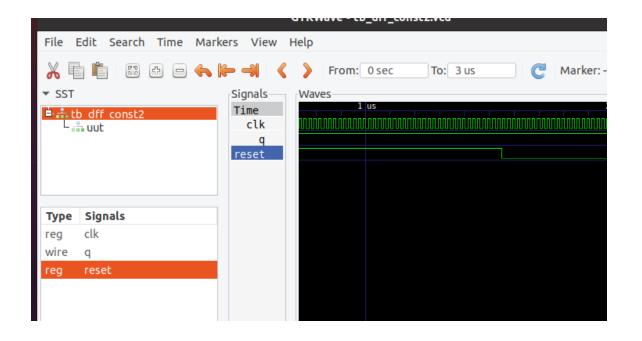
```
root@raheem:/home/raheem/week1/sky130RTLDesignAndSynthesisWorkshop-main/verilog_files# iverilog dff_const2.v tb_dff_const2.v root@raheem:/home/raheem/week1/sky130RTLDesignAndSynthesisWorkshop-main/verilog_files# ./a.out
VCD info: dumpfile tb_dff_const2.vcd opened for output.
root@raheem:/home/raheem/week1/sky130RTLDesignAndSynthesisWorkshop-main/verilog_files# gtkwave tb_dff_const2.vcd
Gtk-Message: 10:59:37.171: Failed to load module "canberra-gtk-module"
GTKWave Analyzer v3.3.103 (w)1999-2019 BSI
```

```
sky130_fd_sc_hd__dfrtp_1 _DFF_PN0_ (.CLK( C), .D( D), .Q( Q), .RESET_B( R))
    sky130_fd_sc_hd__dfstp_2 _DFF_PN1_ (.CLK( C), .D( D), .Q( Q), .SET_B( R));
    sky130_fd_sc_hd__dfrtp_1 _DFF_PP0_ (.CLK( C), .D( D), .Q( Q), .RESET_B(~R))
    sky130_fd_sc_hd__dfstp_2 _DFF_PP1_ (.CLK( C), .D( D), .Q( Q), .SET_B(~R));
    sky130_fd_sc_hd_dfbbn_1_DFFSR_NNN_(.CLK_N(C), .D(D), .Q(Q), .Q_N(~Q),
 .RESET_B( R), .SET_B( S));
    sky130_fd_sc_hd__dfbbn_1 _DFFSR_NNP_ (.CLK_N( C), .D( D), .Q( Q), .Q_N(~Q),
 .RESET_B(~R), .SET_B( S));
    sky130_fd_sc_hd__dfbbn_1 _DFFSR_NPN_ (.CLK_N( C), .D( D), .Q( Q), .Q_N(~Q),
 .RESET_B( R), .SET_B(~S));
    sky130 fd sc hd dfbbn 1 DFFSR NPP (.CLK N( C), .D( D), .Q( Q), .Q N(~Q),
 .RESET_B(~R), .SET_B(~S));
    sky130_fd_sc_hd_dfbbp_1_DFFSR_PNN_(.CLK(C), .D(D), .Q(Q), .Q_N(~Q), .
RESET_B( R), .SET_B( S));
    sky130_fd_sc_hd_dfbbp_1_DFFSR_PNP_(.CLK(C), .D(D), .Q(Q), .Q_N(~Q), .
RESET_B(\simR), .SET_B(S));
    sky130_fd_sc_hd__dfbbp_1 _DFFSR_PPN_ (.CLK( C), .D( D), .Q( Q), .Q_N(~Q), .
RESET_B( R), .SET_B(~S));
    sky130_fd_sc_hd__dfbbp_1 _DFFSR_PPP_ (.CLK( C), .D( D), .Q( Q), .Q_N(~Q), .
RESET_B(\simR), .SET_B(\simS));
Mapping DFF cells in module `\dff_const2':
```



```
=== dff_const2 ===
   Number of wires:
                                      3
  Number of wire bits:
                                      3
  Number of public wires:
                                      3
  Number of public wire bits:
                                      3
  Number of memories:
                                      0
  Number of memory bits:
                                      0
  Number of processes:
                                      0
  Number of cells:
                                      0
3.27. Executing CHECK pass (checking for obvious problems).
checking module dff_const2...
found and reported 0 problems.
```

