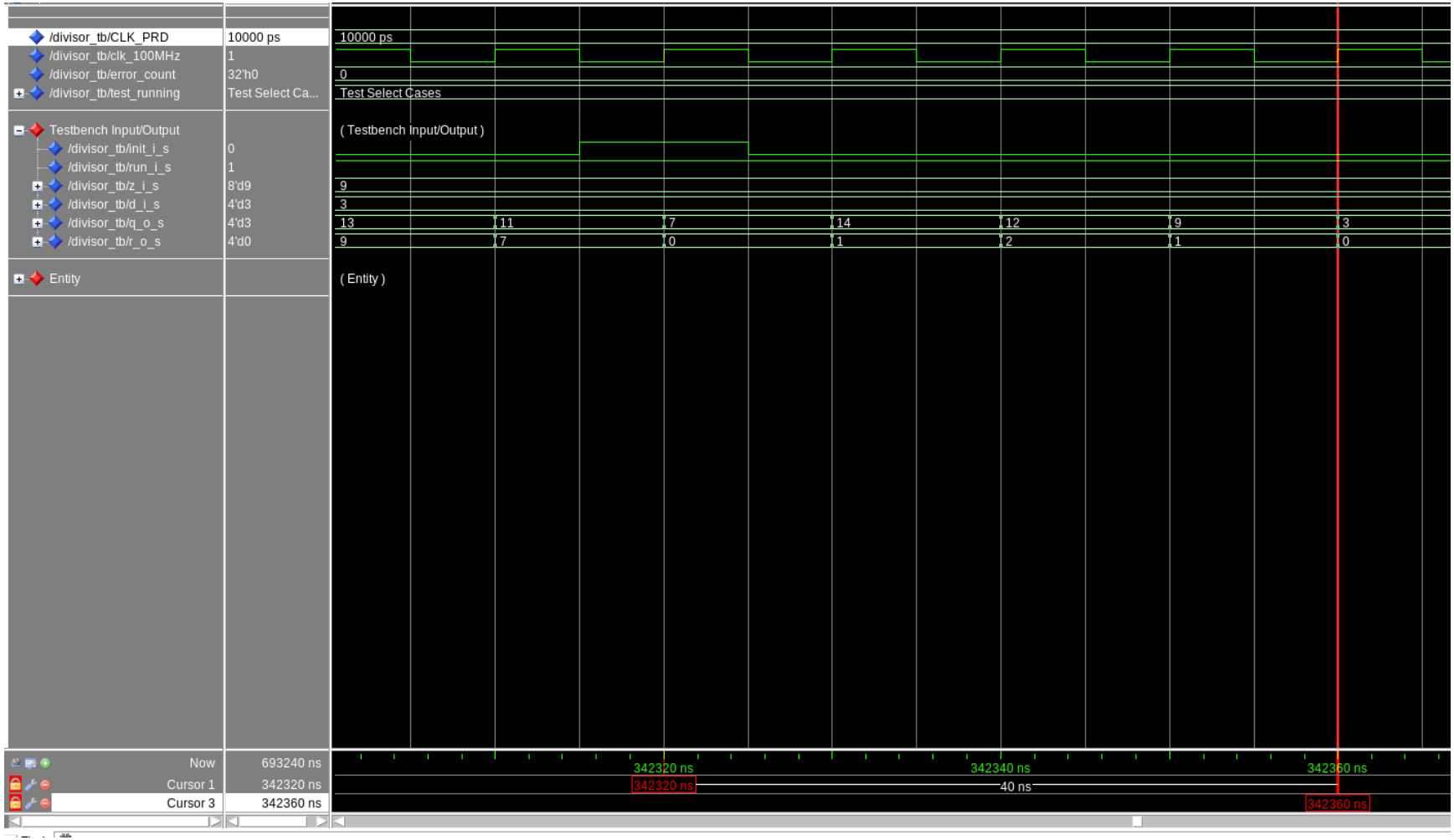
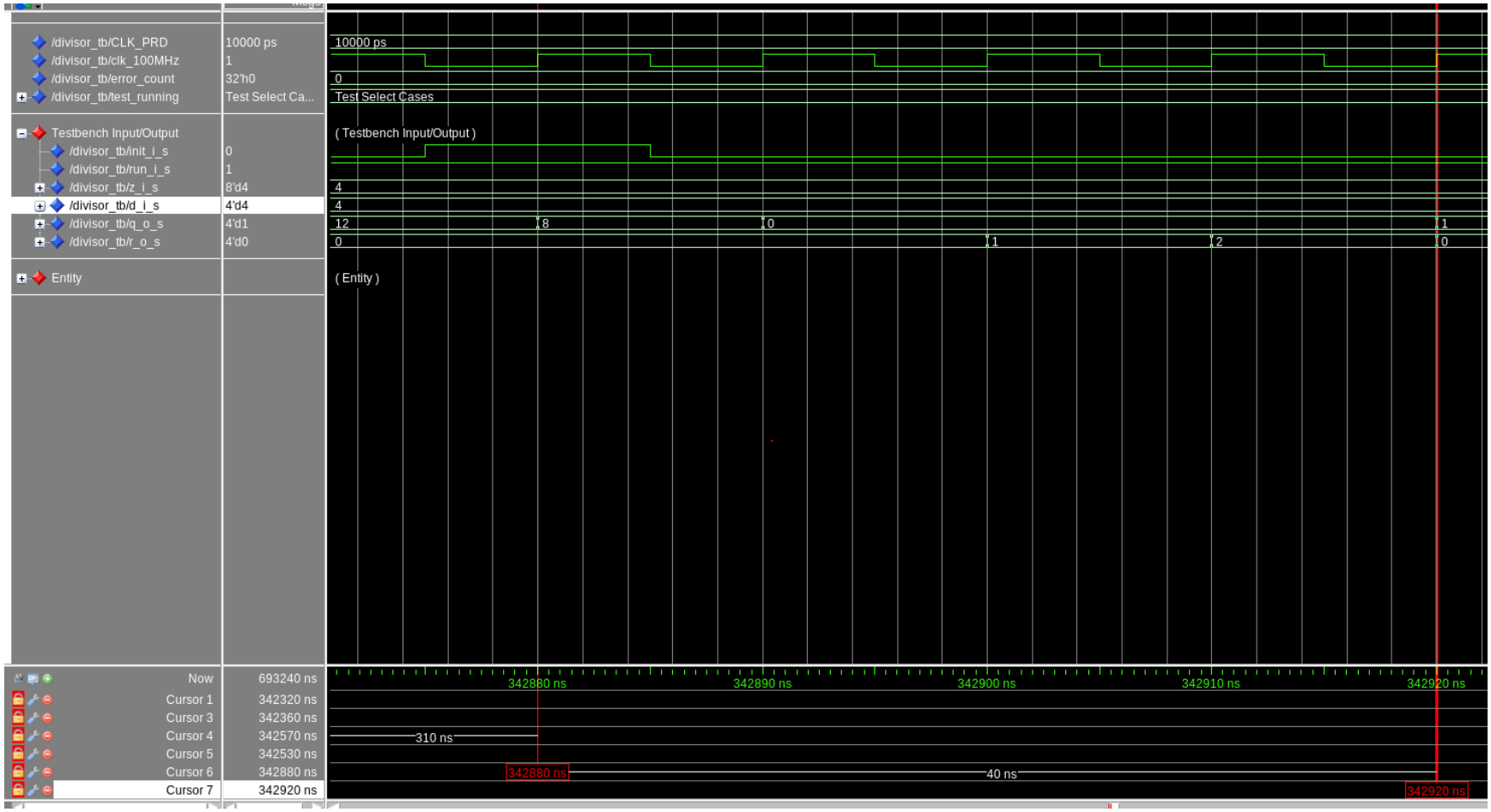
Test Case : When input z = 9 and d = 3



Test Case : When input z = 239 and d = 15

Test Case : When input z = 4 and d = 4



Console Output

```
# do waves.do
# Test LSG Cases       at : 1 ps
# Test Select Cases    at : 342300001 ps
# Test LSG Cases       at : 343000001 ps
# Test Select Cases    at : 692440001 ps
#
# *******
# RESULTS
# *******
#
# Simulation completed without errors
#
# ******************
# Simulation Ending
# ******************
#
# Break in Process stimuli_proc at ../tb/divisor_tb.vhd line 138

VSIM 2>
```

Coverage Result

```
# coverage read -dataset merged_coverage merged_coverage.ucdb
# merged_coverage.ucdb opened as coverage dataset "merged_coverage"
# coverage report -output final_report_by_srcfile.txt -srcfile=* -code {s b c e f x}
# exit
Coverage Report Summary Data by file

================================================================================
=== File: ../src/divisor.vhd
================================================================================
    Enabled Coverage              Bins      Hits    Misses  Coverage
    ----------------              ----      ----    ------  --------
    Branches                         2         2         0   100.00%
    Expressions                      4         4         0   100.00%
    Statements                       6         6         0   100.00%

================================================================================
=== File: ../src/shift_pl.vhd
================================================================================
    Enabled Coverage              Bins      Hits    Misses  Coverage
    ----------------              ----      ----    ------  --------
    Branches                         5         5         0   100.00%
    Statements                       3         3         0   100.00%


Total Coverage By File (code coverage only, filtered view): 100.00%

u138175@usroc1grid33.369> []
```