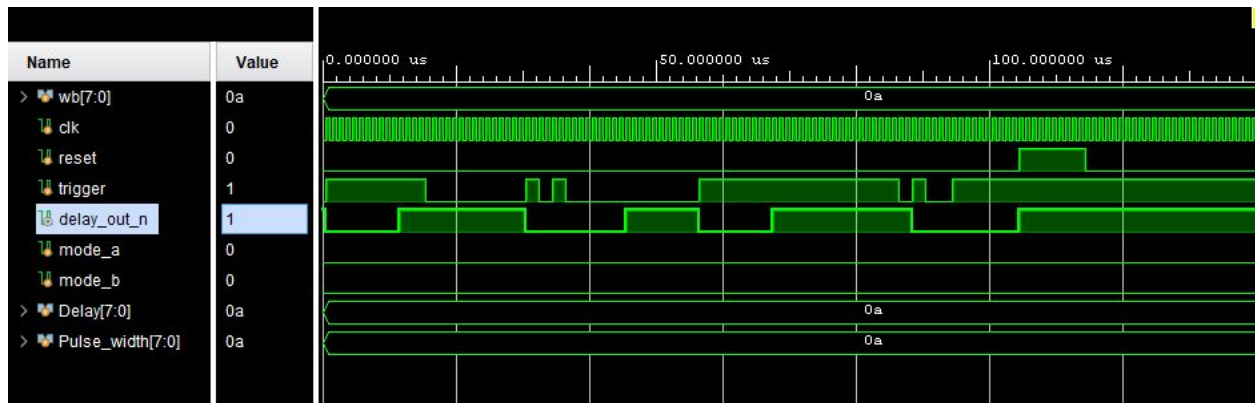
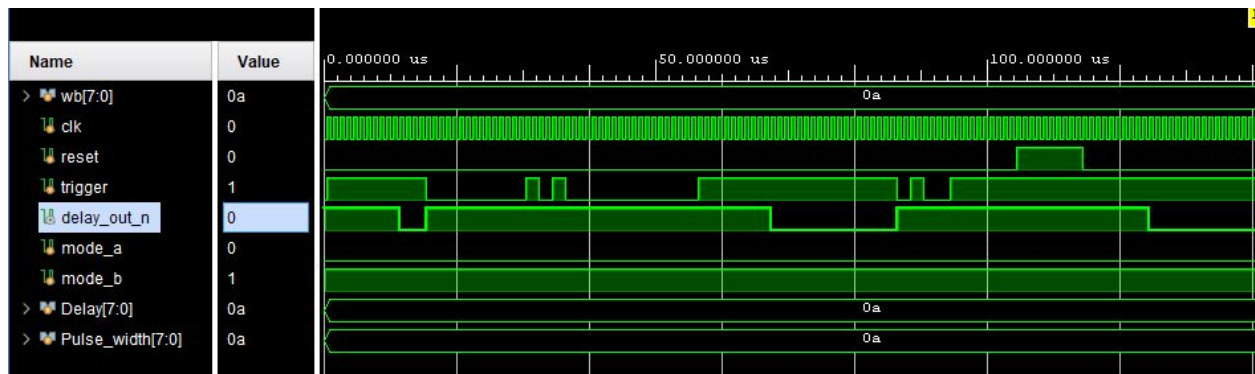


## Simulation Results, Vivado 2020.1

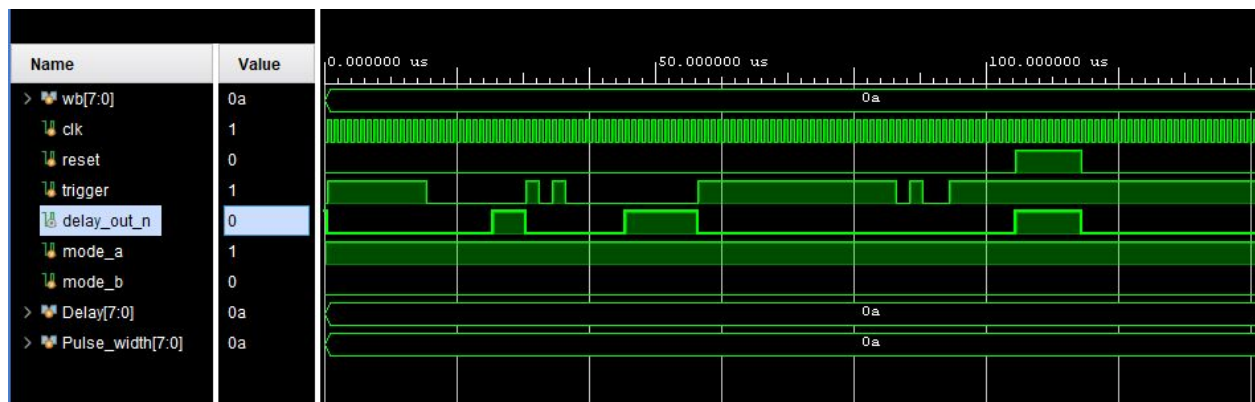
### One Shot Mode (OS) : AB = 00



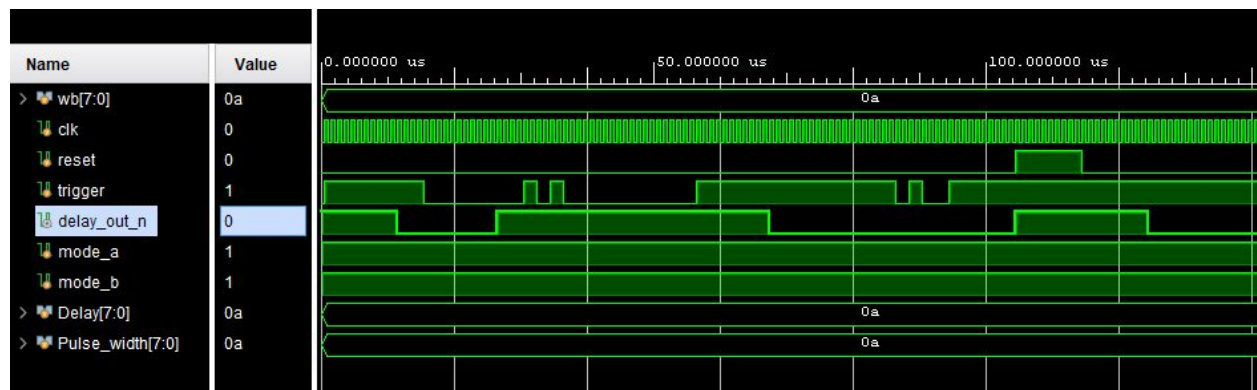
### Delayed Operated Mode (DO) : AB = 01



### Delayed Released Mode (DR) : AB = 10



## Dual Delay Mode (DD) : AB = 11



Credit goes to [fpga4student.com](http://fpga4student.com) for testbench code.