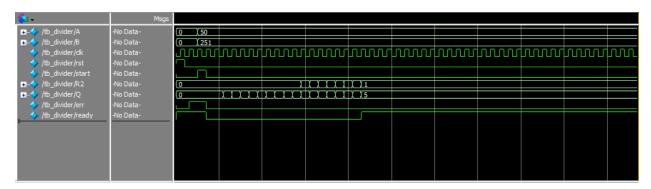
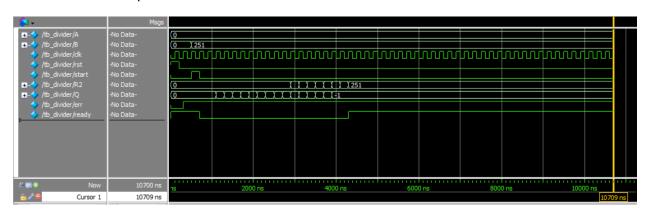
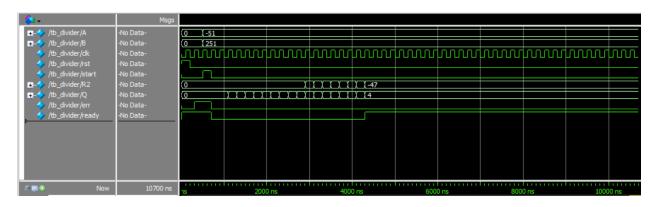
## Test bench for typical number:



## Test bench for 0 input:



## test bench for negative input:



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