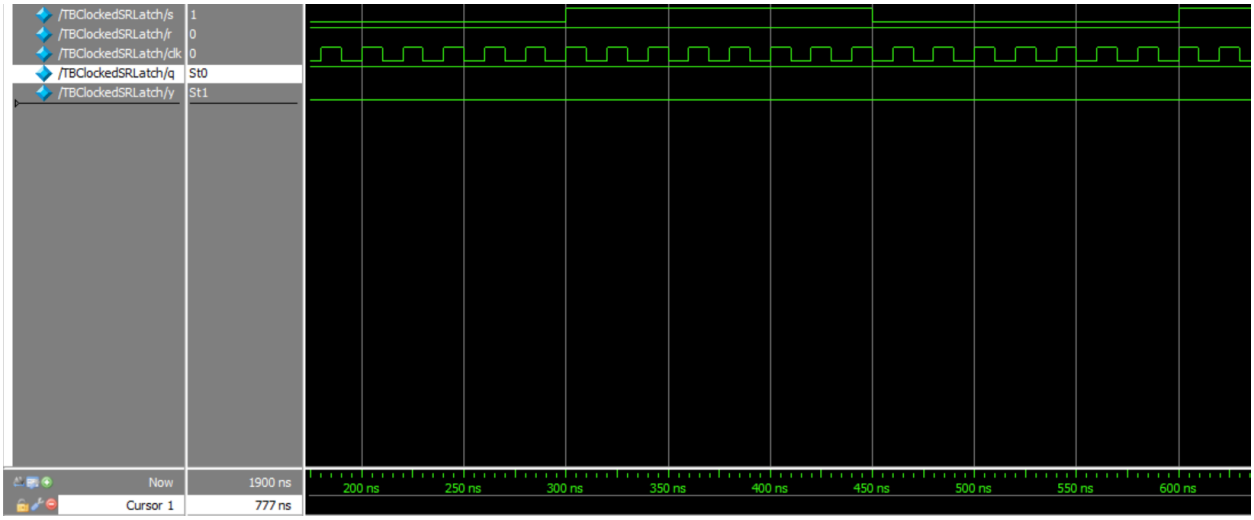
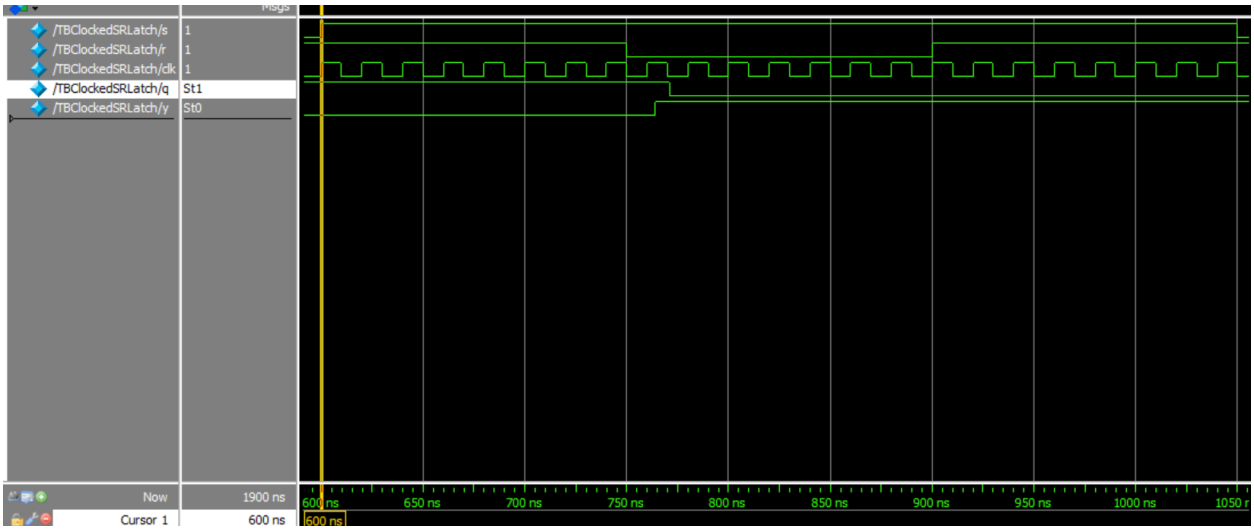
Q2:

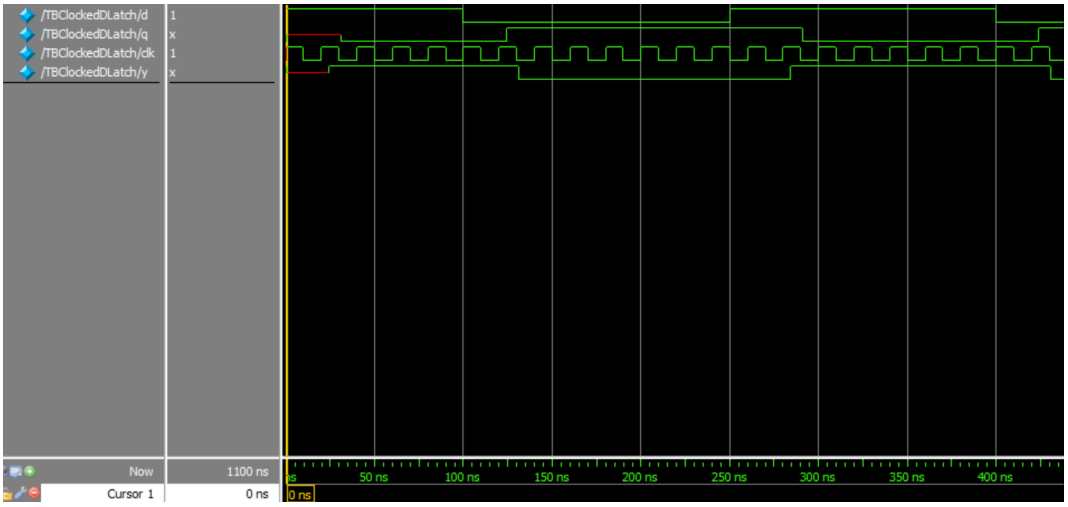
Wave form:

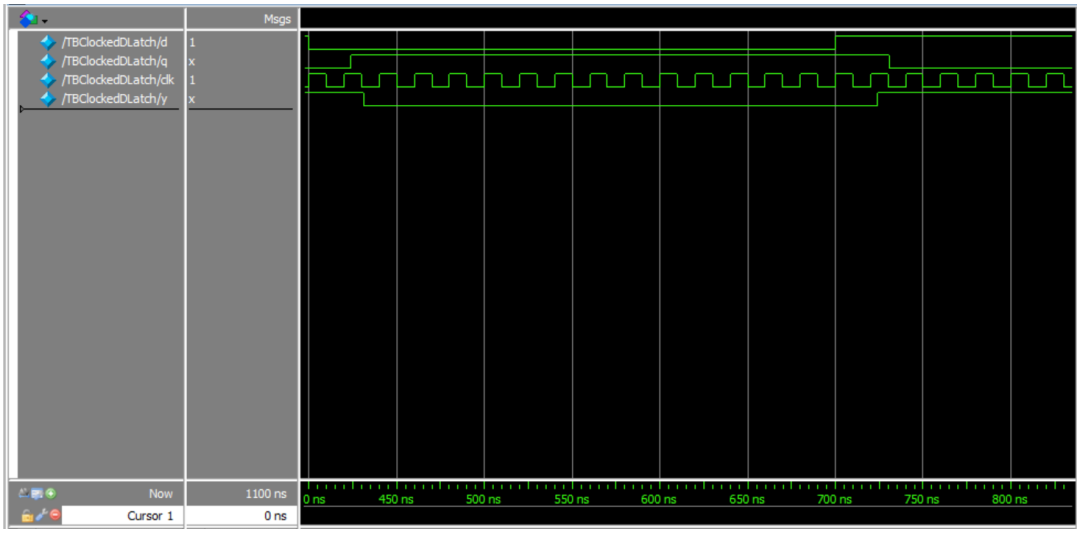

/TBClockedSRLatch/s
/TBClockedSRLatch/r
/TBClockedSRLatch/clk
/TBClockedSRLatch/q
/TBClockedSRLatch/y
1
0
0
St0
St1
Now
1900 ns
Cursor 1
777 ns
200 ns
250 ns
300 ns
350 ns
400 ns
450 ns
500 ns
550 ns
600 ns

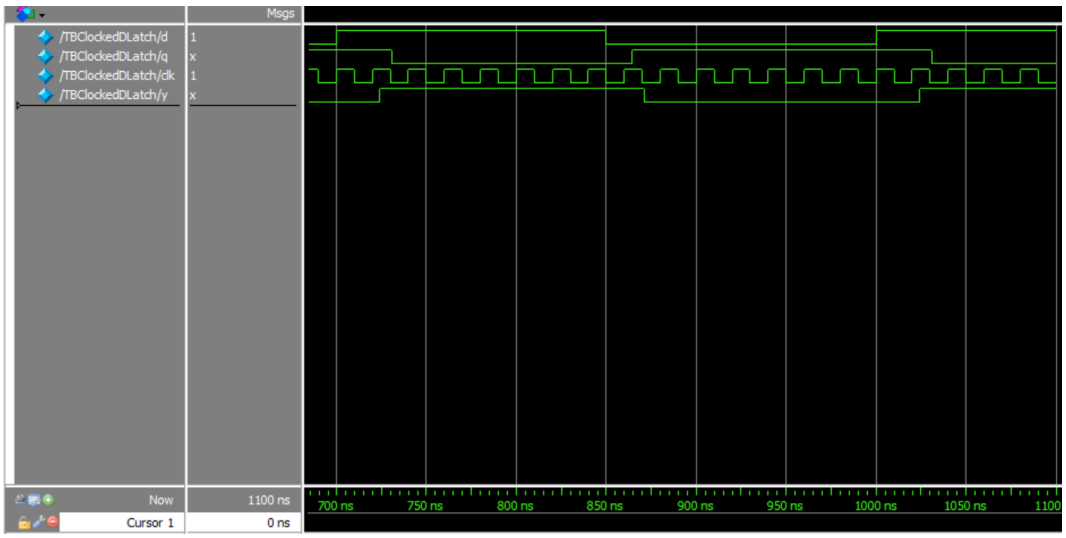

/TBClockedSRLatch/s
/TBClockedSRLatch/r
/TBClockedSRLatch/clk
/TBClockedSRLatch/q
/TBClockedSRLatch/y
1
1
1
St1
St0
Now
1900 ns
Cursor 1
600 ns
600 ns
650 ns
700 ns
750 ns
800 ns
850 ns
900 ns
950 ns
1000 ns

Q4:

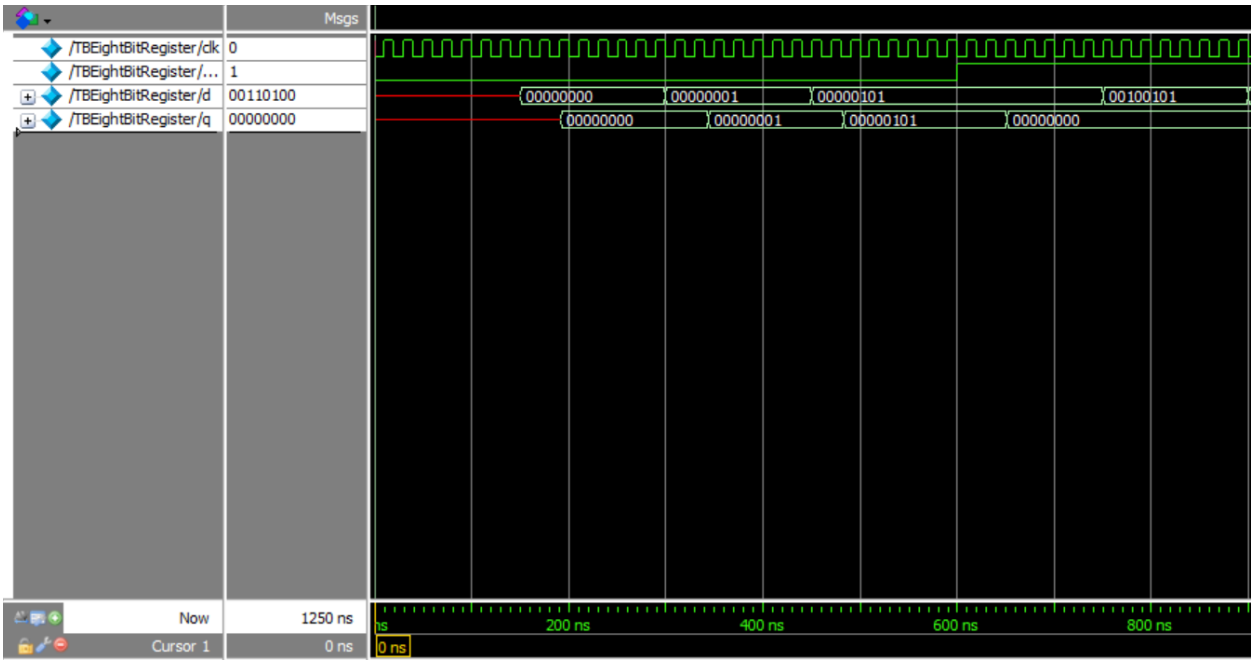
Wave form:


/TBClockedDLatch/d
/TBClockedDLatch/q
/TBClockedDLatch/clk
/TBClockedDLatch/y
Now
1100 ns
Cursor 1
0 ns
50 ns
100 ns
150 ns
200 ns
250 ns
300 ns
350 ns
400 ns

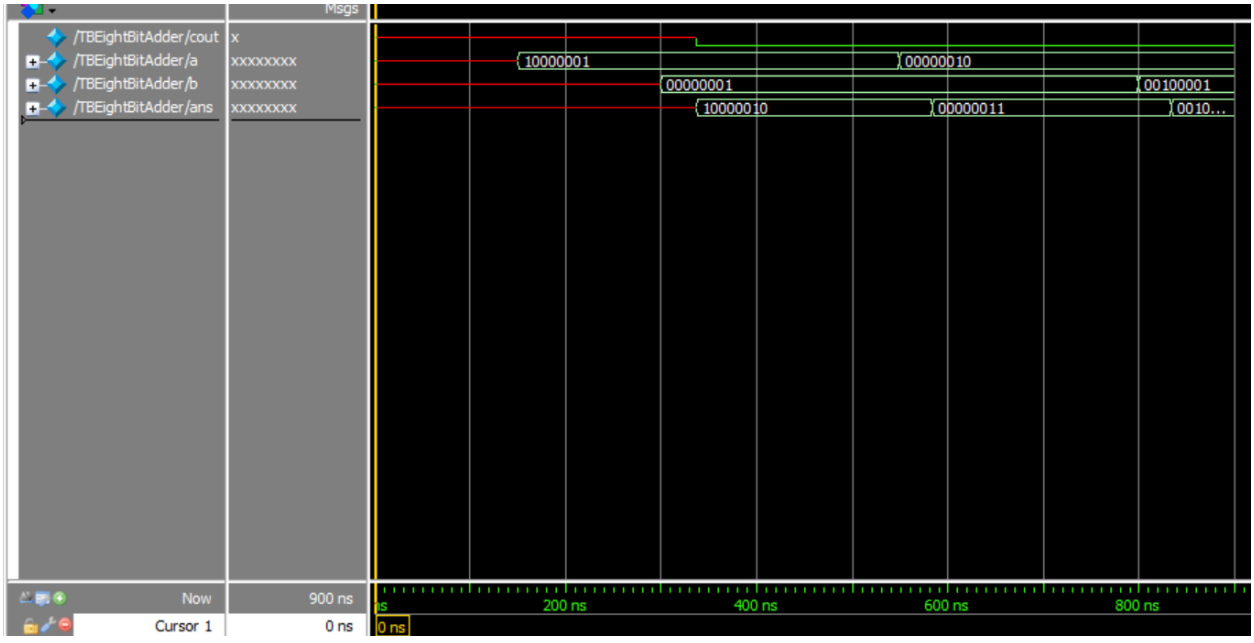

Msgs
/TBClockedDLatch/d
/TBClockedDLatch/q
/TBClockedDLatch/clk
/TBClockedDLatch/y
Now
1100 ns
Cursor 1
0 ns
450 ns
500 ns
550 ns
600 ns
650 ns
700 ns
750 ns
800 ns


Msgs
/TBClockedDLatch/d
/TBClockedDLatch/q
/TBClockedDLatch/clk
/TBClockedDLatch/y
Now
1100 ns
Cursor 1
0 ns
700 ns
750 ns
800 ns
850 ns
900 ns
950 ns
1000 ns
1050 ns

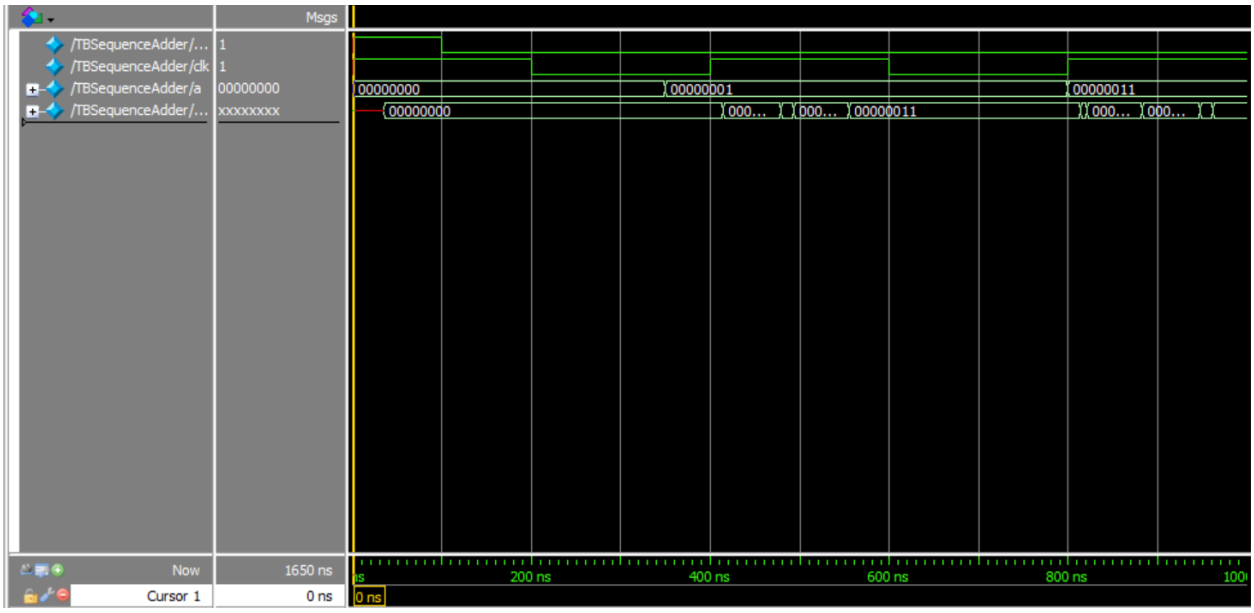
Q5:

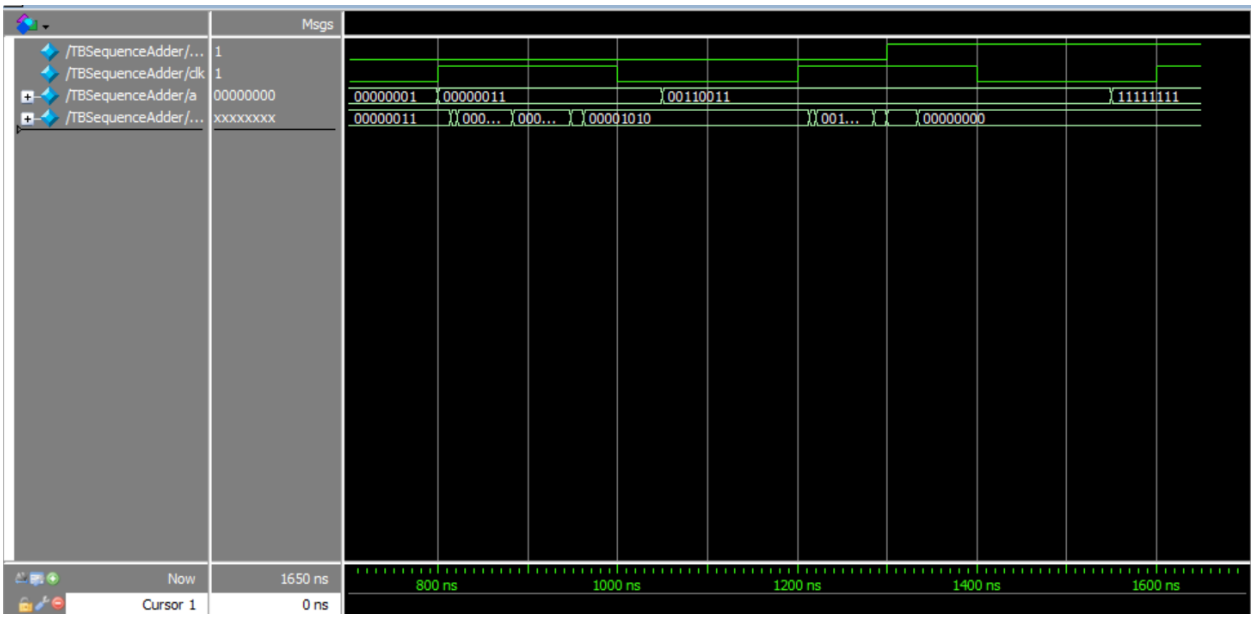

Msgs
/TBEightBitRegister/clk
/TBEightBitRegister/...
/TBEightBitRegister/d
/TBEightBitRegister/q
0
1
00110100
00000000
00000000
00000001
00000101
00100101
00000000
00000001
00000101
00000000
Now
1250 ns
Cursor 1
0 ns
200 ns
400 ns
600 ns
800 ns
0 ns

Q6:

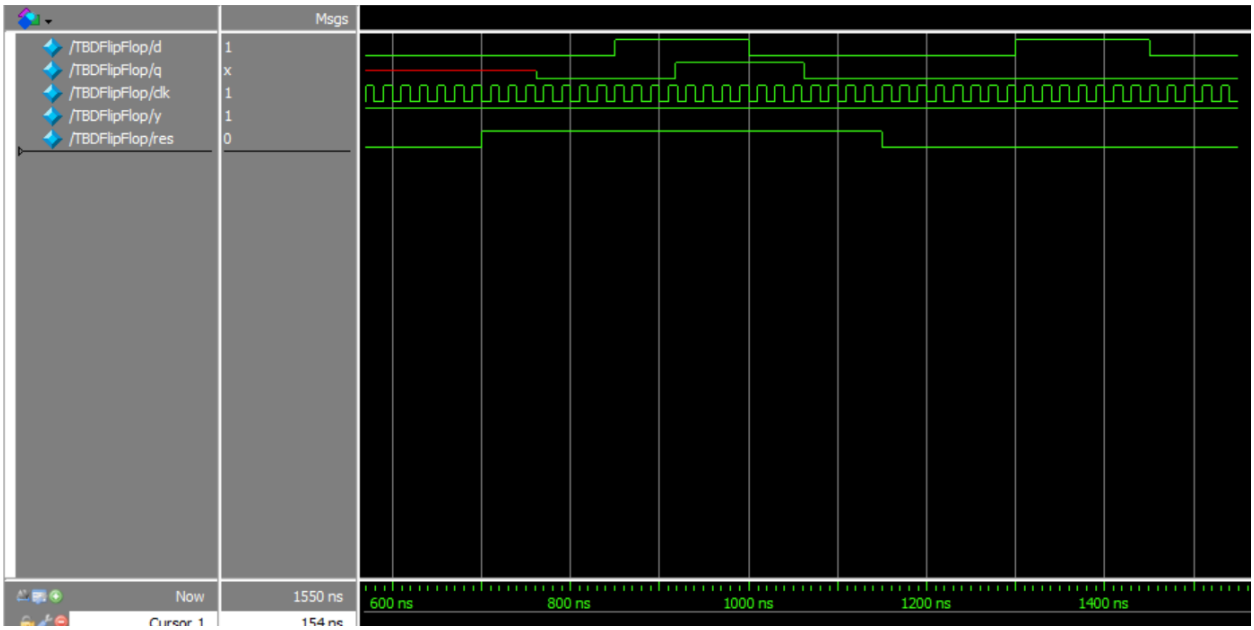

Msgs
/TBEightBitAdder/cout
/TBEightBitAdder/a
/TBEightBitAdder/b
/TBEightBitAdder/ans
x
xxxxxxxx
xxxxxxxx
xxxxxxxx
10000001
00000010
00000001
00100001
10000010
00000011
0010...
Now
900 ns
Cursor 1
0 ns
200 ns
400 ns
600 ns
800 ns
0 ns

Q7:

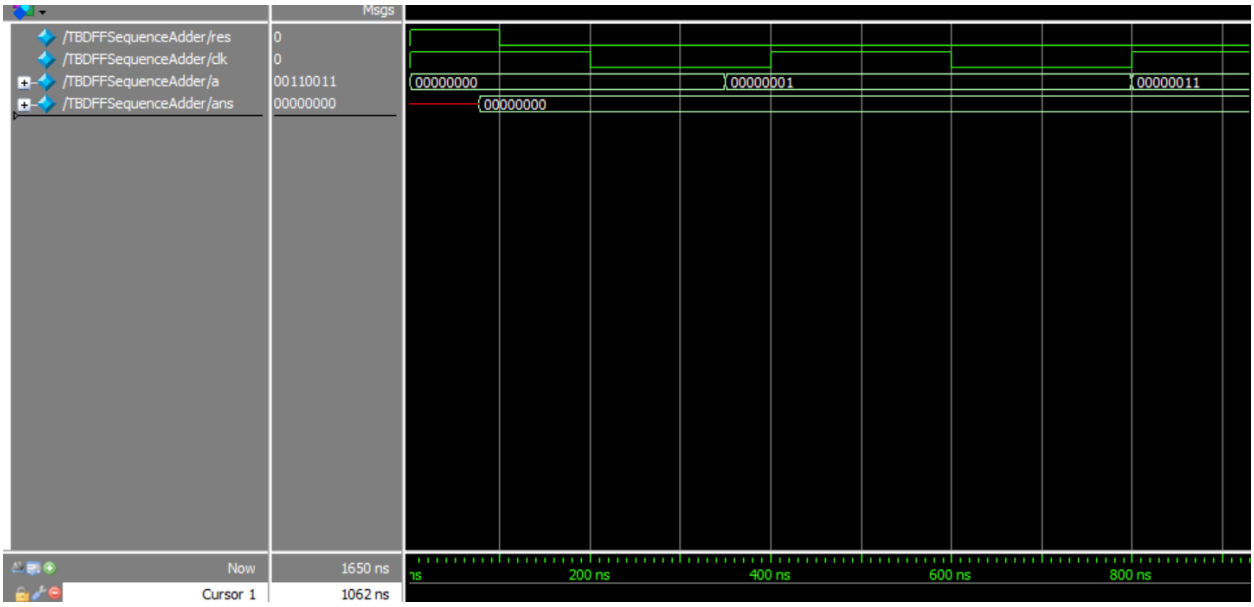

Msgs
/TBSequenceAdder/...
/TBSequenceAdder/clk
/TBSequenceAdder/a
/TBSequenceAdder/...
1
1
00000000
xxxxxxxx
00000000
00000001
00000011
00000000
000...
000...
00000011
000...
000...
Now
1650 ns
Cursor 1
0 ns
200 ns
400 ns
600 ns
800 ns
0 ns

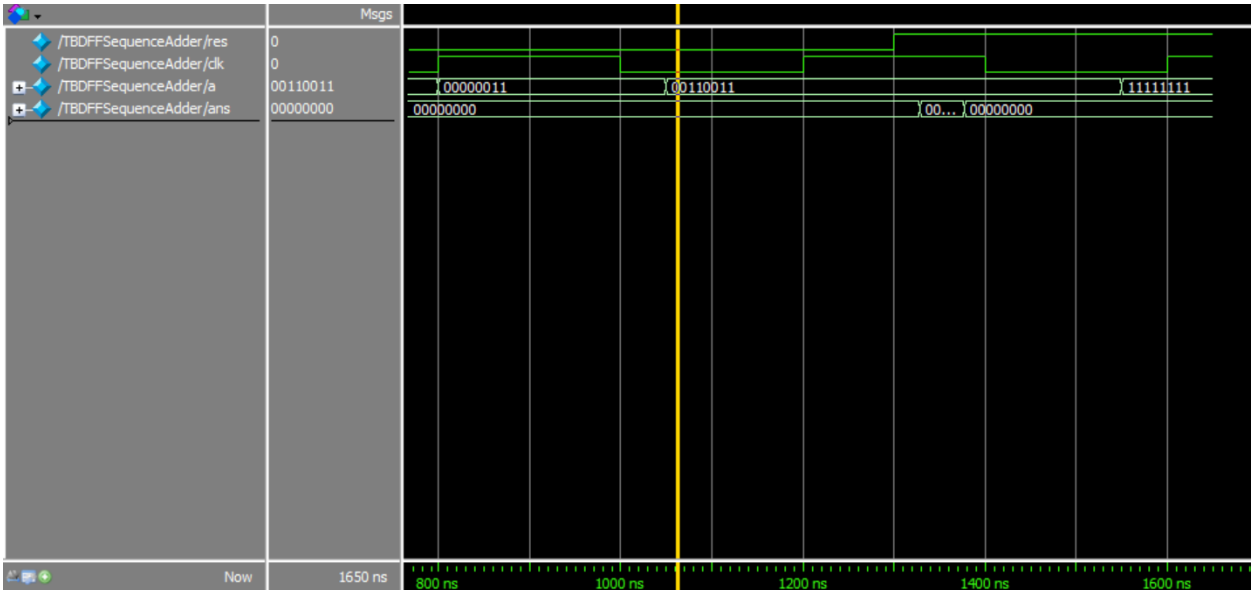

Msgs
/TBSequenceAdder/...
/TBSequenceAdder/clk
/TBSequenceAdder/a
/TBSequenceAdder/...
1
1
00000000
xxxxxxxx
00000001
00000011
00110011
11111111
00000011
000...
000...
00001010
001...
00000000
Now
1650 ns
Cursor 1
0 ns
800 ns
1000 ns
1200 ns
1400 ns
1600 ns

Q8:


Msgs
/TBDFlipFlop/d
/TBDFlipFlop/q
/TBDFlipFlop/clk
/TBDFlipFlop/y
/TBDFlipFlop/res
1
x
1
1
0
Now
1550 ns
600 ns
800 ns
1000 ns
1200 ns
1400 ns

Q9:


Msgs
/TBDFFSequenceAdder/res
/TBDFFSequenceAdder/clk
/TBDFFSequenceAdder/a
/TBDFFSequenceAdder/ans
0
0
00110011
00000000
00000000
00000001
00000011
00000000
Now
1650 ns
Cursor 1
1062 ns
200 ns
400 ns
600 ns
800 ns


Msgs
/TBDFFSequenceAdder/res
/TBDFFSequenceAdder/clk
/TBDFFSequenceAdder/a
/TBDFFSequenceAdder/ans
0
0
00110011
00000000
00000011
00110011
11111111
00000000
00...
00000000
Now
1650 ns
800 ns
1000 ns
1200 ns
1400 ns
1600 ns