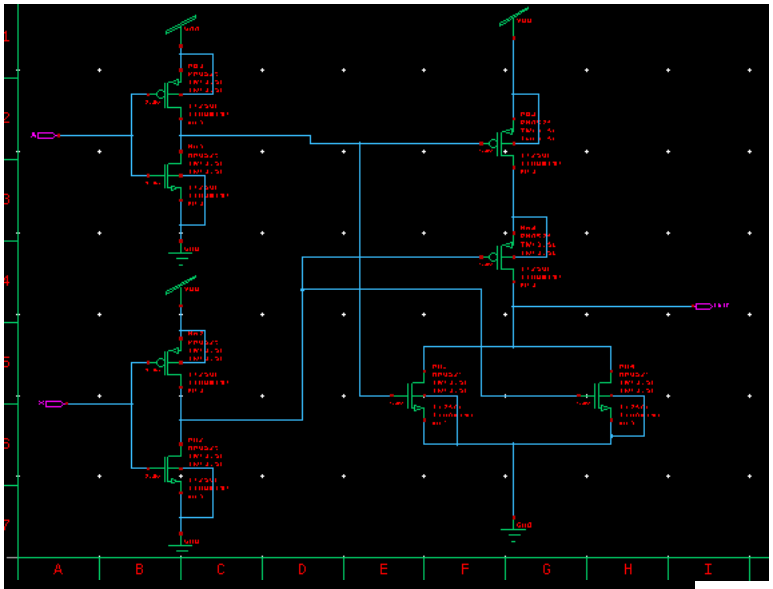
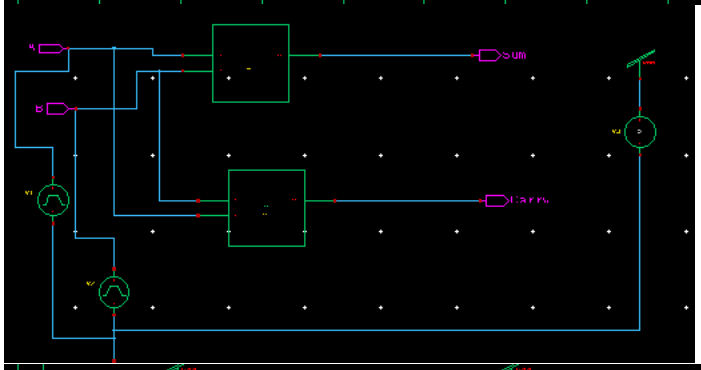
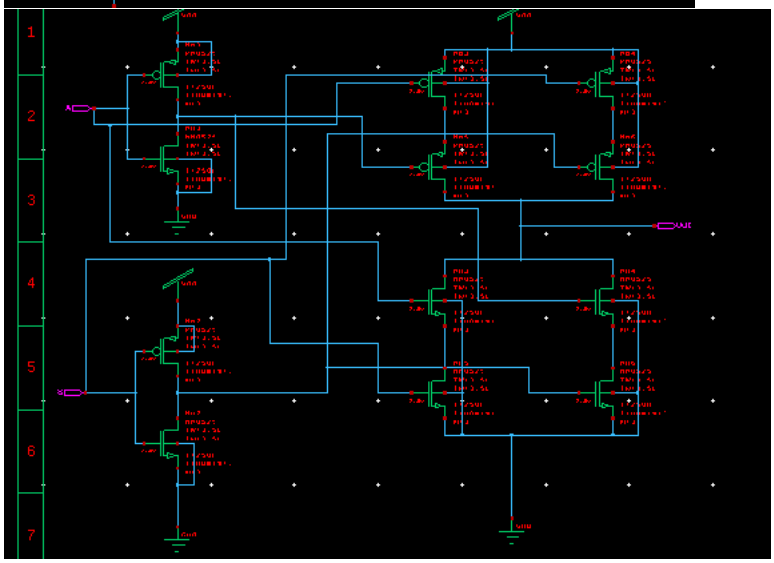
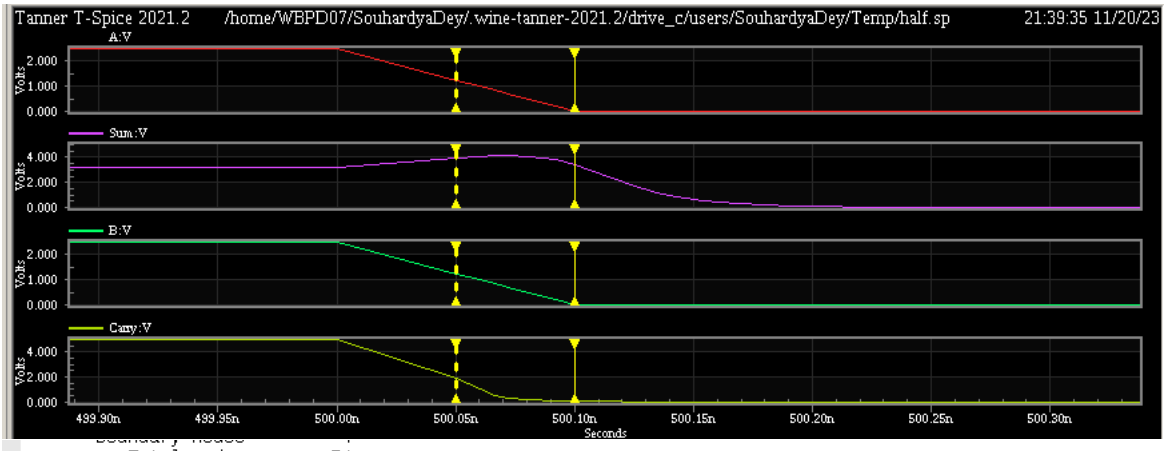
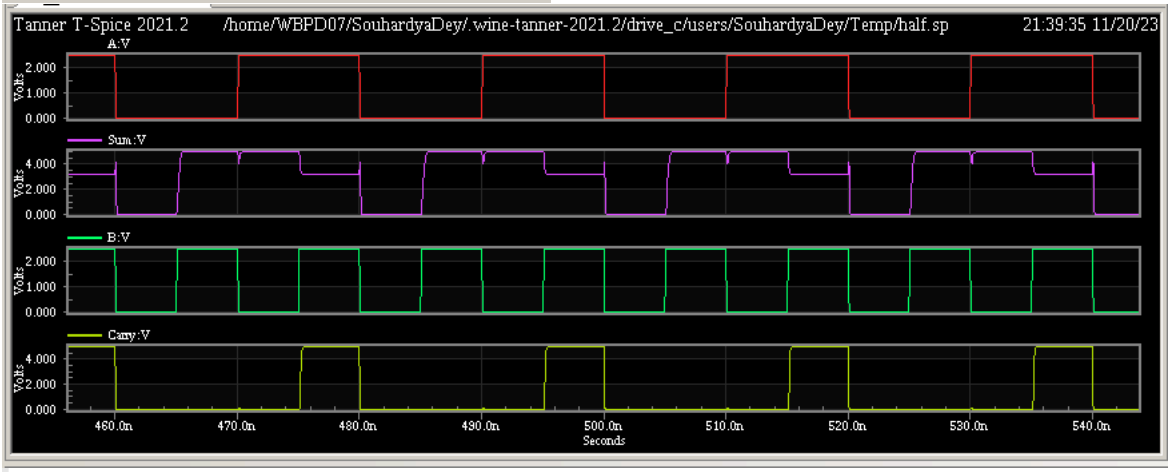

A
B
C
D
E
F
G
H
I


A
B
Sum

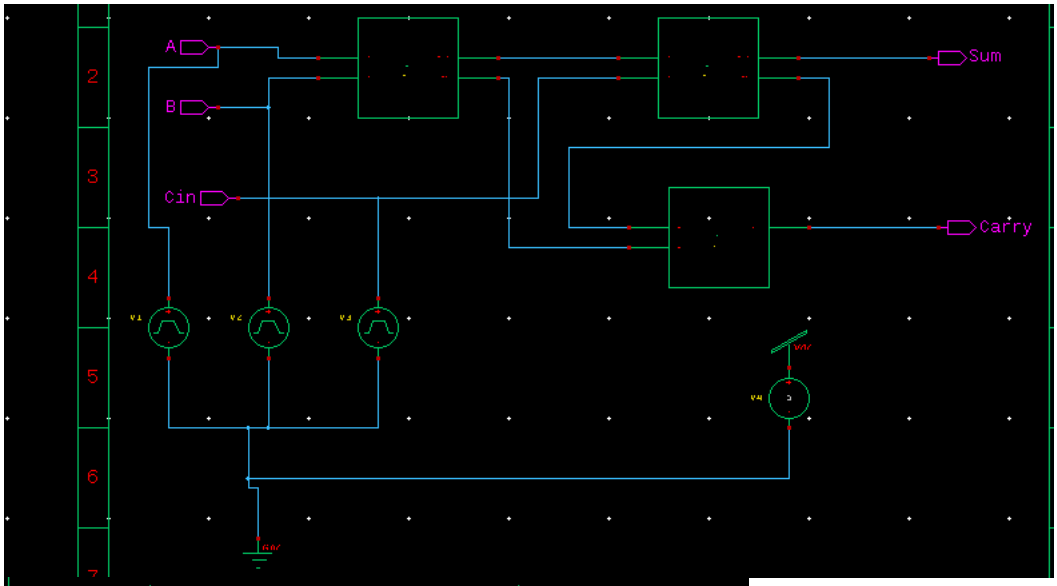

1
2
3
4
5
6
7
A
B
Cout

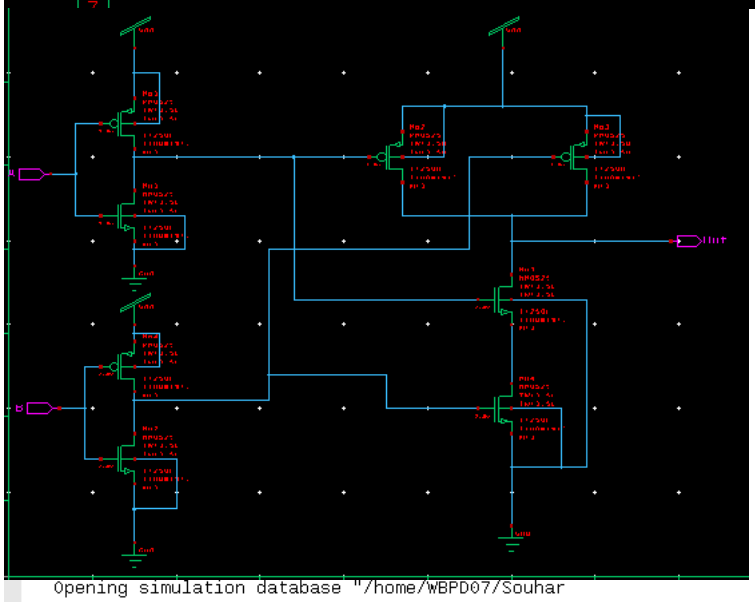
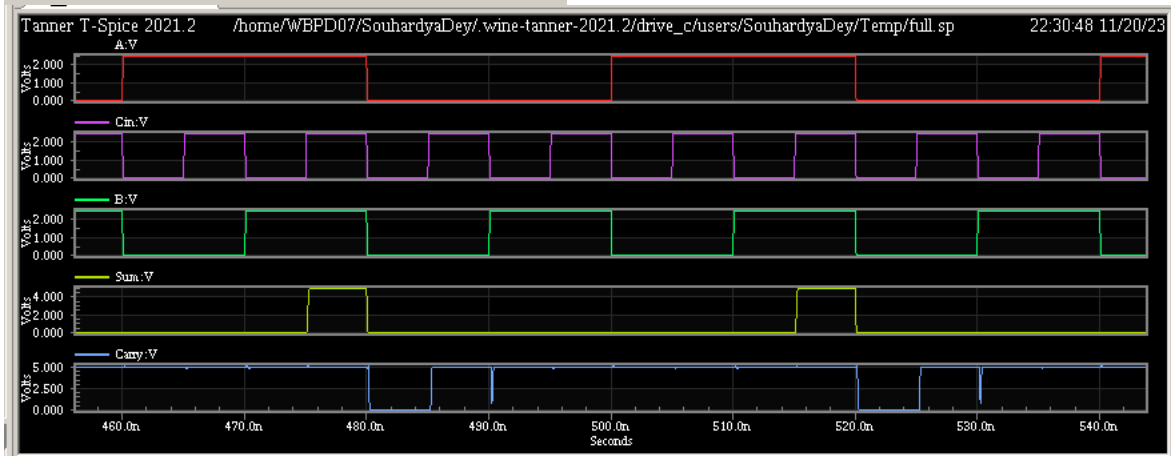



```
        Total nodes -      54

   Opening simulation database "/home/WBPD07/Souha

Parsing                     0.19 seconds
Setup                       0.04 seconds
Transient Analysis          4.05 seconds
Output                      0.24 seconds
-----------------------------------------
Total                       4.45 seconds

Simulation completed
```




```
***** Top Level *****
Xand_1 B A Carry Gnd Vdd and $ $x=3500 $y=2300 $w=1800 $h=1000
Xexor_1 A B Sum Gnd Vdd exor $ $x=3300 $y=4200 $w=1800 $h=1000
VV3 Vdd Gnd DC 5 $ $x=8400 $y=3300 $w=400 $h=600
*VV1 A Gnd PULSE(0 5 0 5n 5n 95n 200n) $ $x=700 $y=2400 $w=400 $h=600
*VV2 B Gnd PULSE(0 5 0 5n 5n 95n 200n) ROUND=0 $ $x=1500 $y=1200 $w=400 $h=600

********* Simulation Settings - Analysis Section *********

.tran 10n 1000n start=0n
.lib "/home/WBPD07/SouhardyaDey/TannerEDA/TannerTools_v2021.2/Process/Generic_250nm/Models/Generic_250nm.lib" TT
.print tran v(A,Gnd) v(B,Gnd) v(Sum,Gnd) v(Carry,Gnd)
VV1 A Gnd BIT ({0011} pw=5n lt=5n ht=5n on=2.5 off=0 rt=0.1n ft=0.1n)
VV2 B Gnd BIT ({0101} pw=5n lt=5n ht=5n on=2.5 off=0 rt=0.1n ft=0.1n)

********* Simulation Settings - Additional SPICE Commands *********

.end
```





```
Opening simulation database "/home/WBPD07/Souhar

Parsing                         0.23 seconds
Setup                           0.17 seconds
DC operating point              0.02 seconds
Transient Analysis              8.21 seconds
Output                          0.36 seconds
Overhead                        0.01 seconds
-----------------------------------------
Total                           9.01 seconds

Simulation completed
```