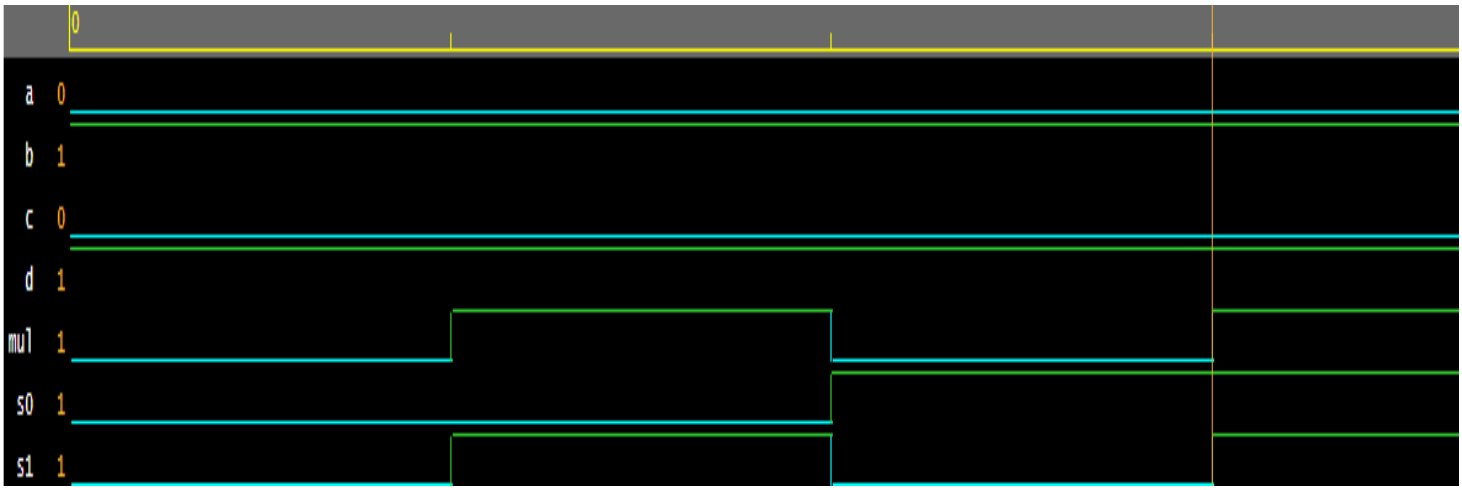
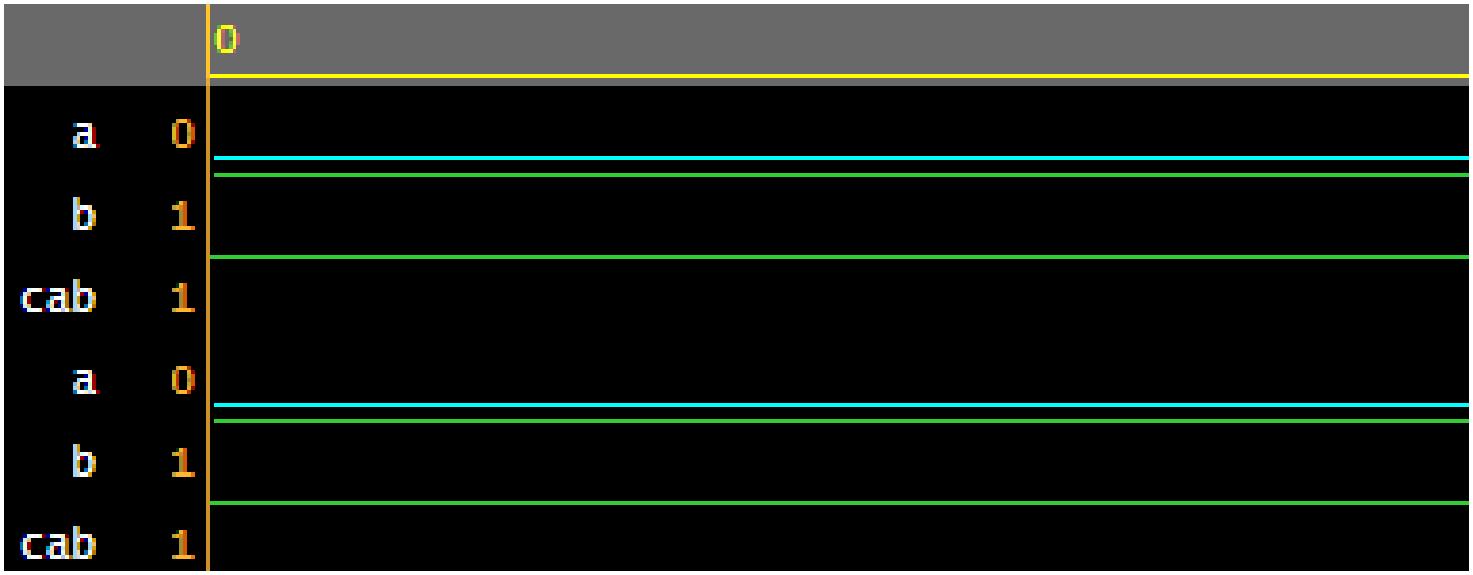
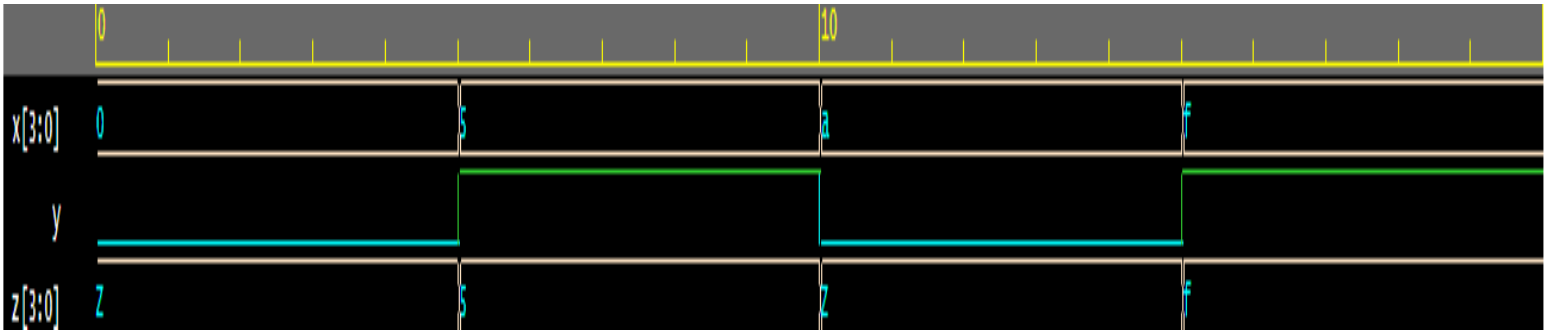
4X1 MULTIPLEXER:



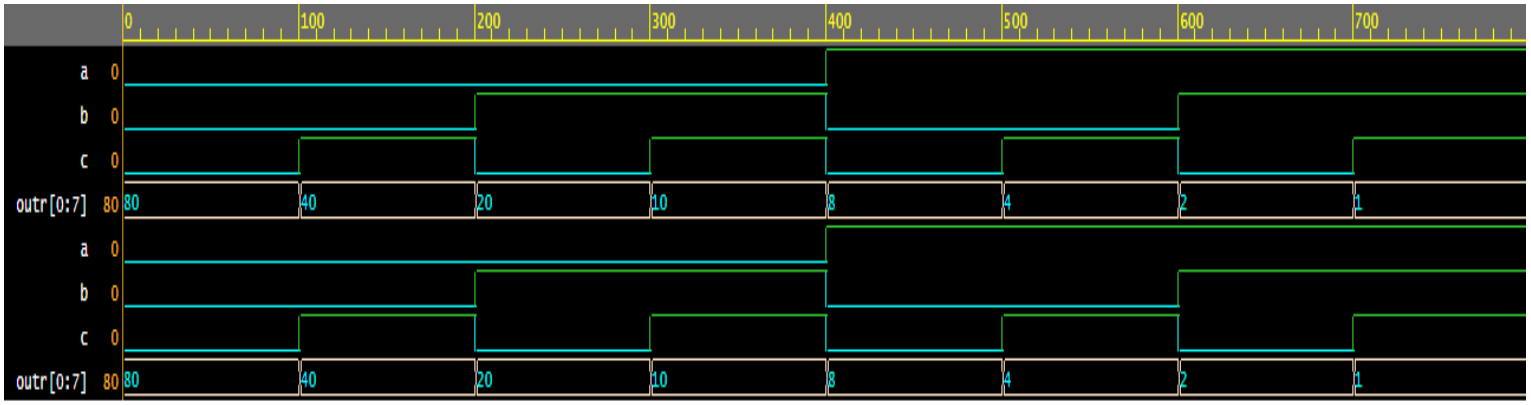
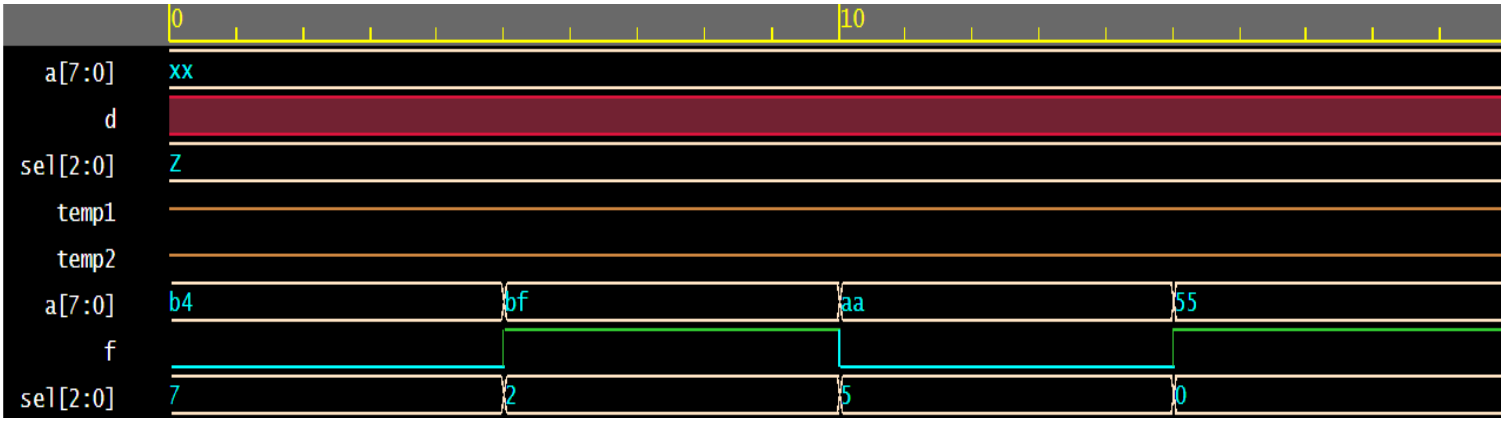
TERNARY OPERATOR:



4 BIT UNIDIRECTIONAL BUS:



3X8 DECODER:


0
100
200
300
400
500
600
700
a 0
b 0
c 0
outr[0:7] 80
80
40
20
10
8
4
2
1
a 0
b 0
c 0
outr[0:7] 80
80
40
20
10
8
4
2
1

8X1 MULTIPLEXER: