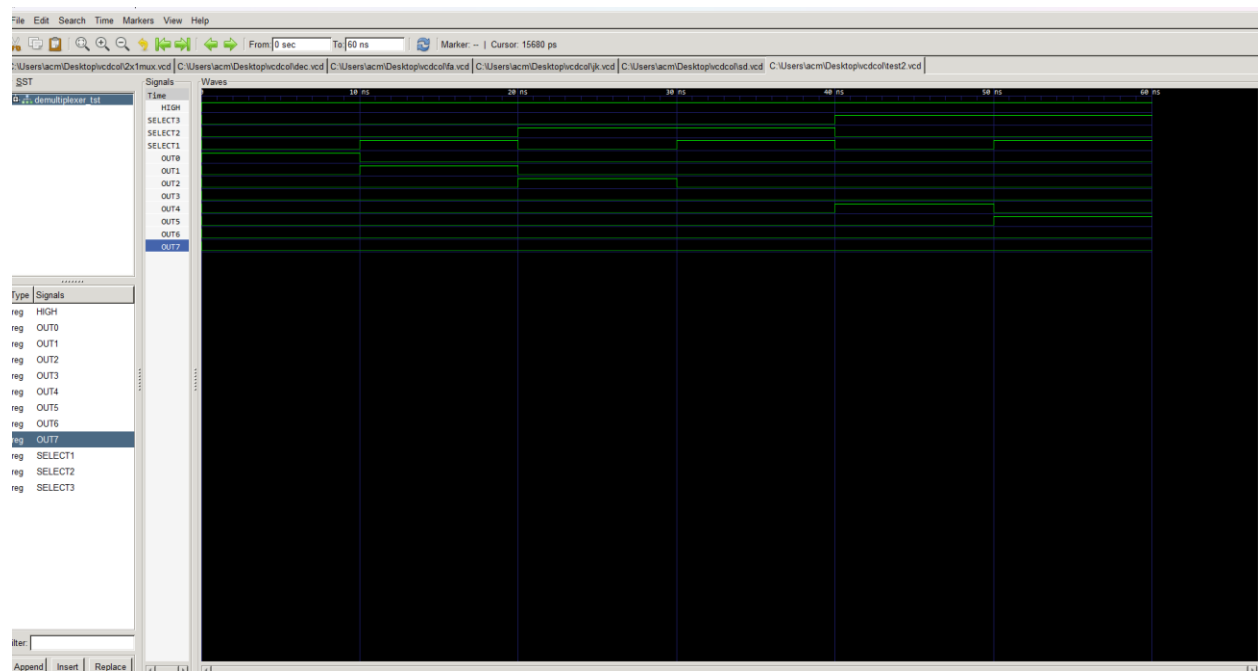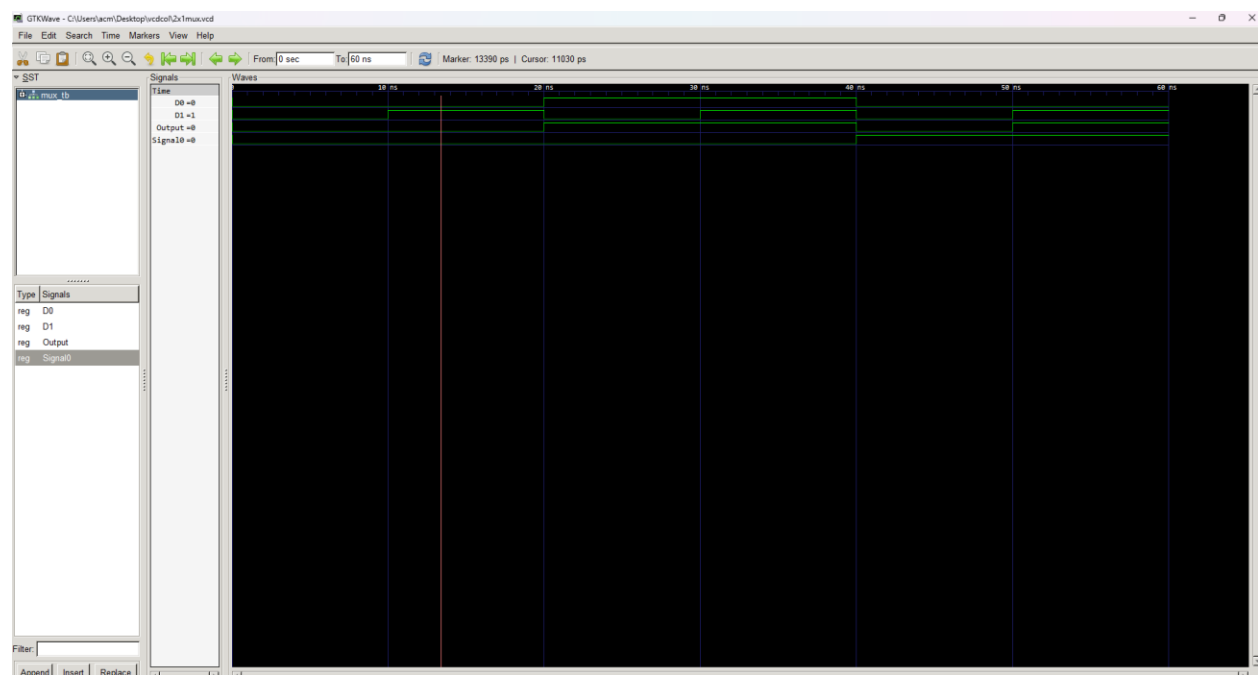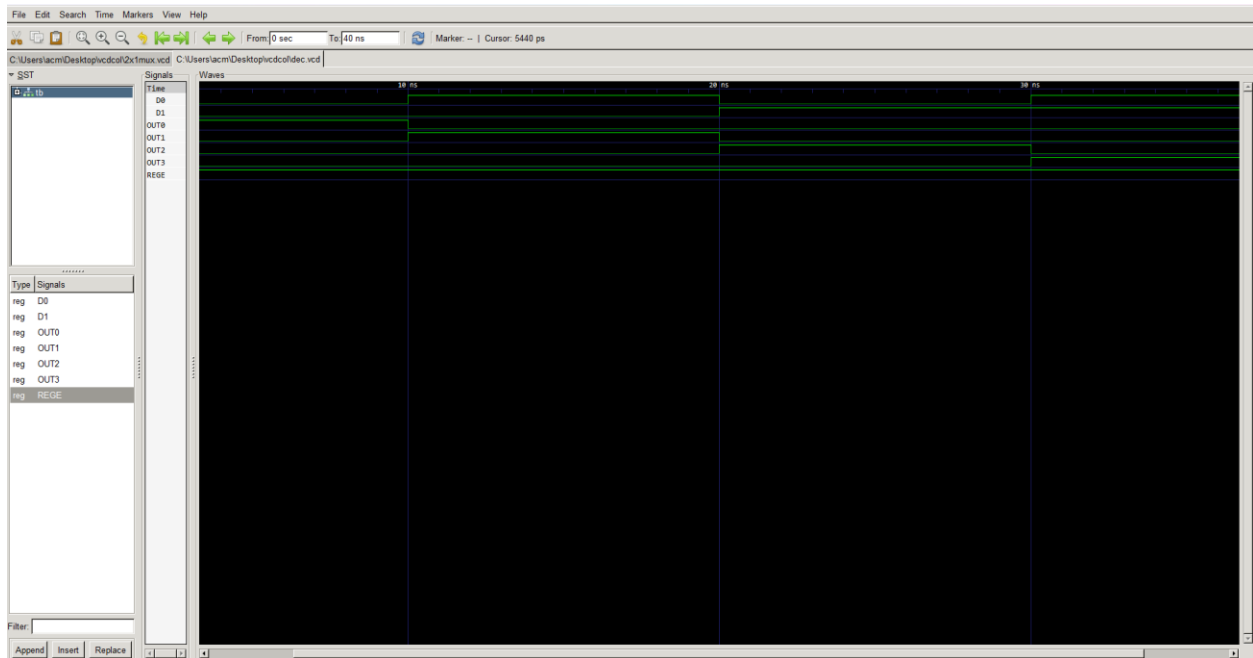# 1)1x8 multiplexer

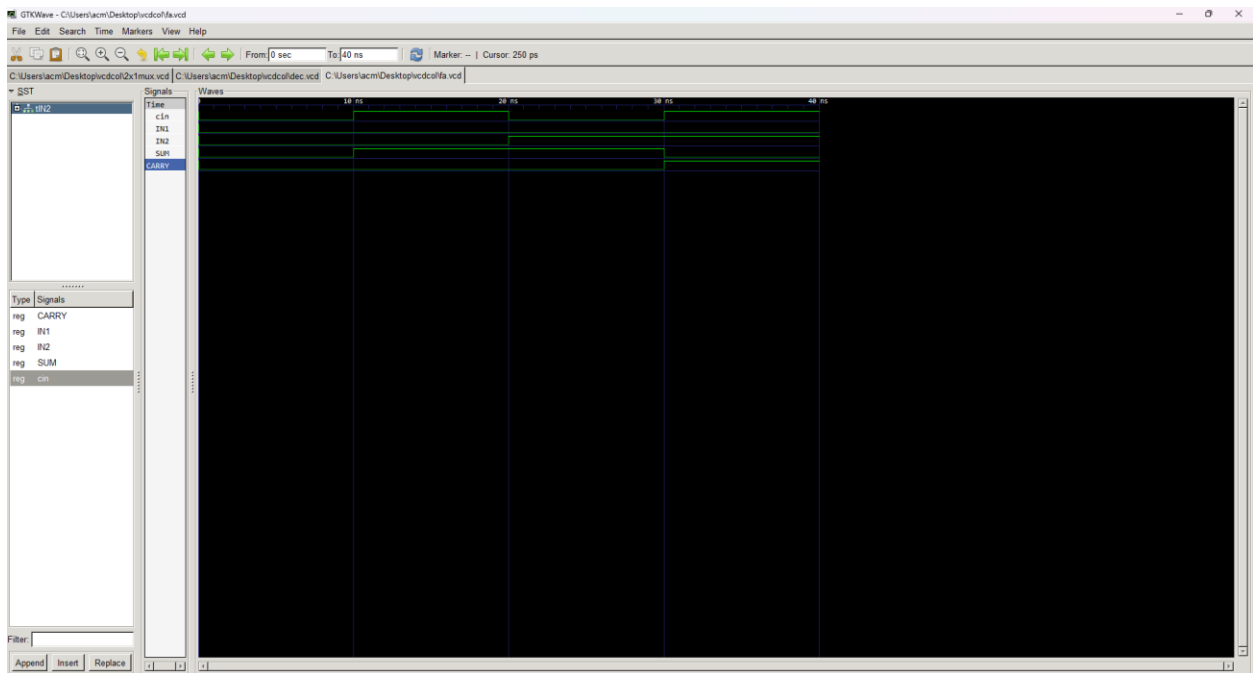# 2)2X1 multiplexer

3)Decoder
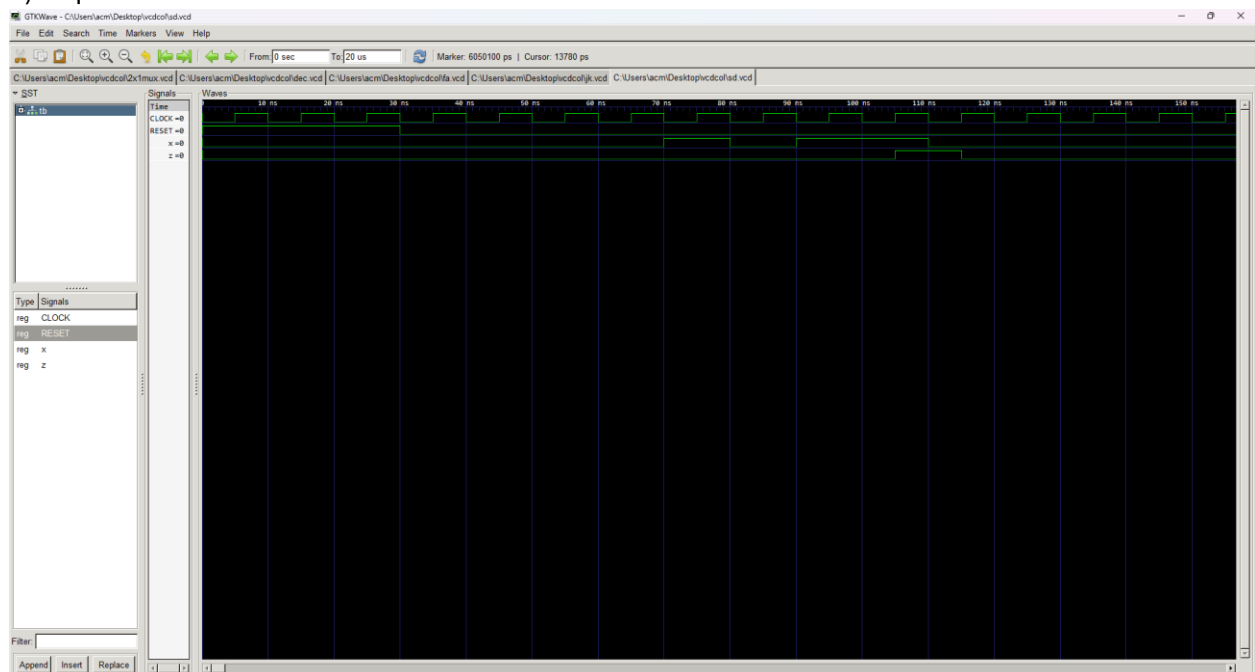
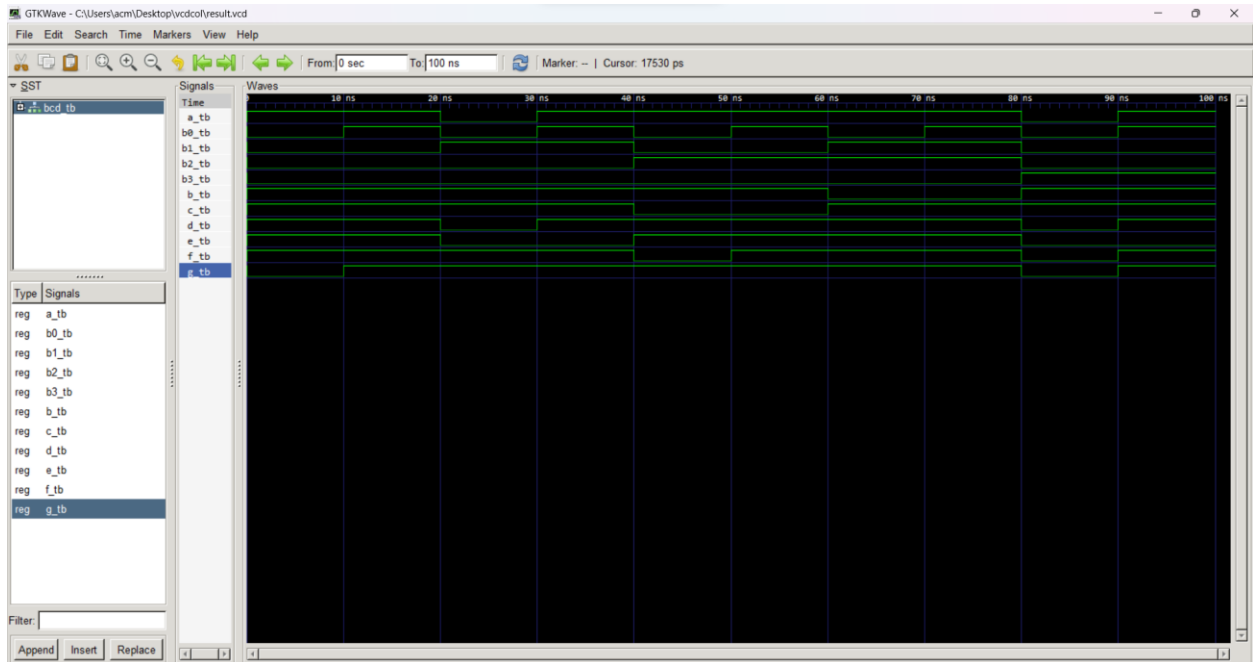4)Full adder

5)Jk flip flop

6)Sequence decoder

7)Lcm

8)Upcounter

7_state counter

d-flipflop