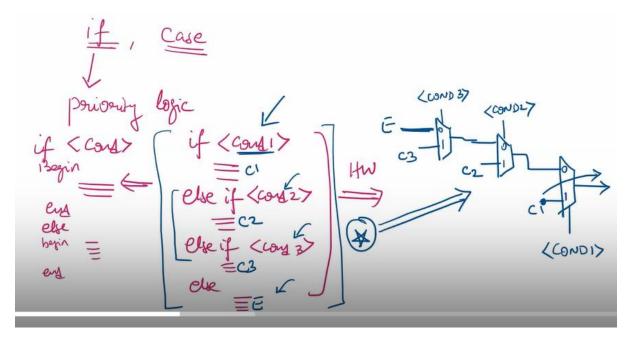
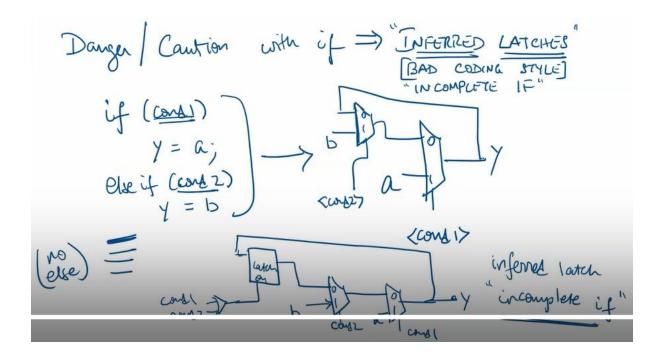
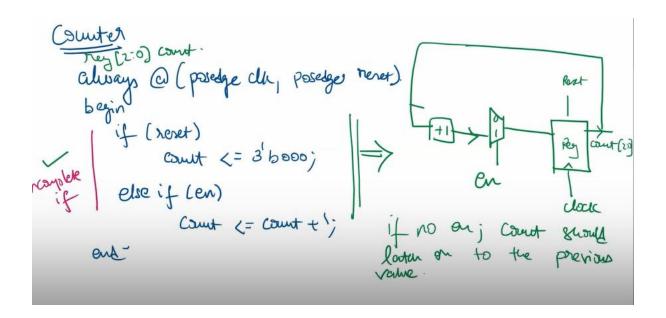
If and Case

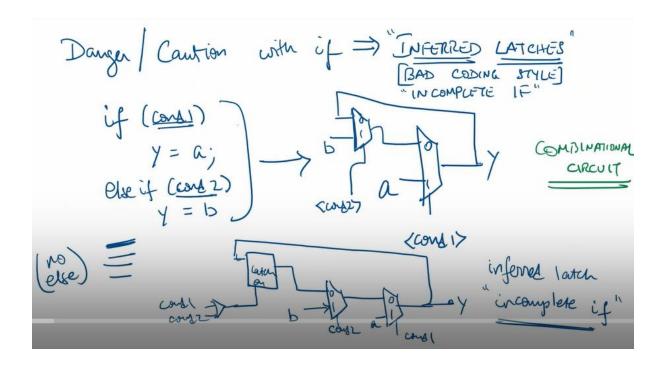


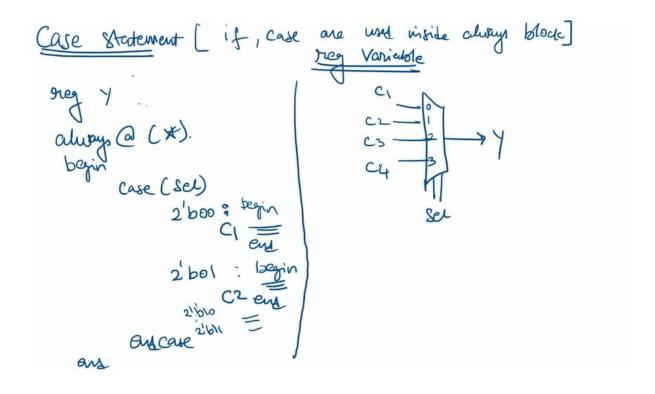
Danger with if statement if the 2 conditions are not met then it will act as latch

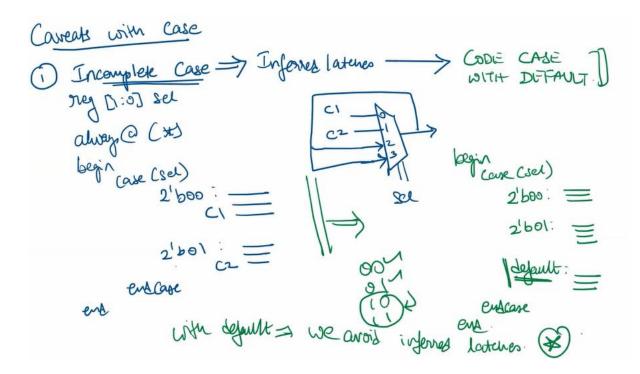


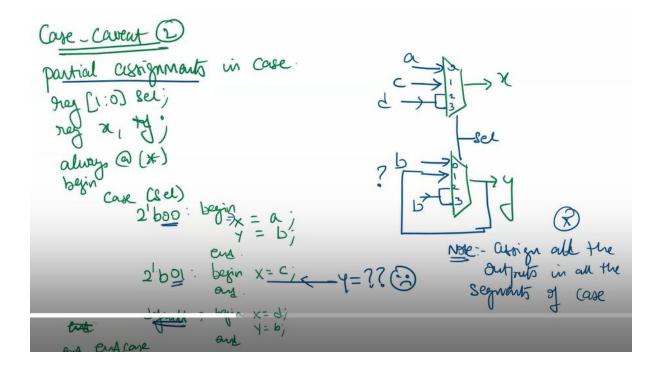
Counter Example

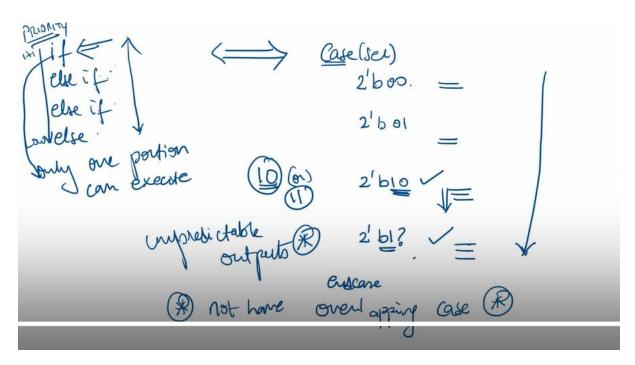


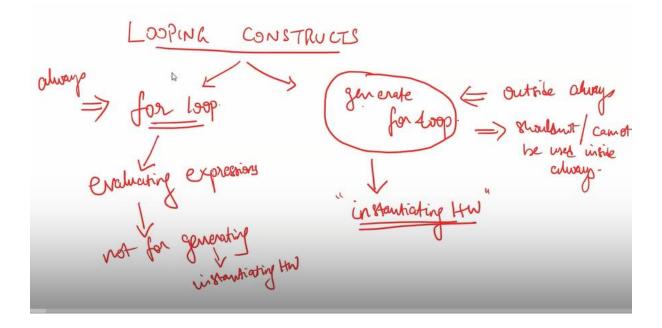




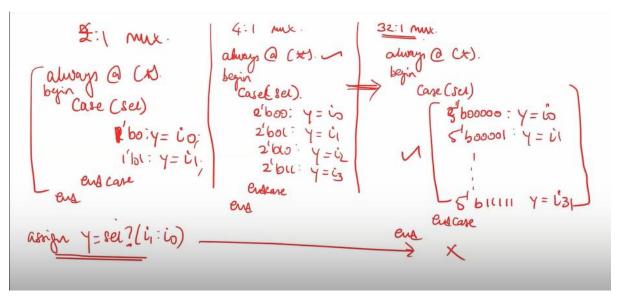




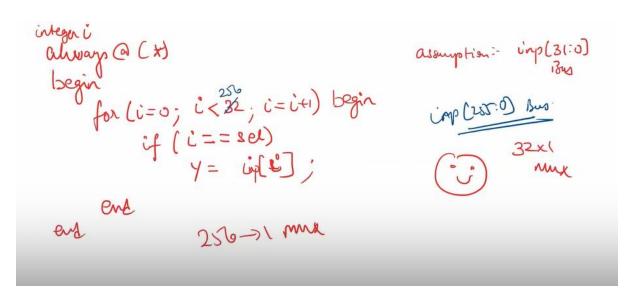




Example 2:1 mux



More mux



Demux

For generate loop