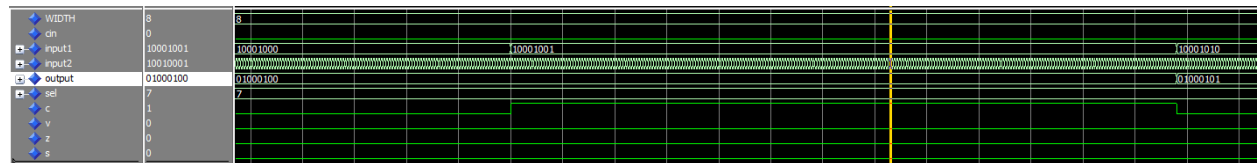


The exhaustive tb finishes with no errors then we are ORing 175(10101111) and 120(01111000) and the result we get is 255 (11111111).



This picture is a Shift Right. So when we rotate 10001001 right with no carry in the output is 01000100.

Refer to the TB for all cases through the ALU.