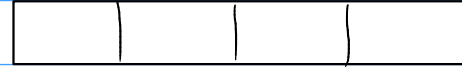


Lecture # 18

Multiples:

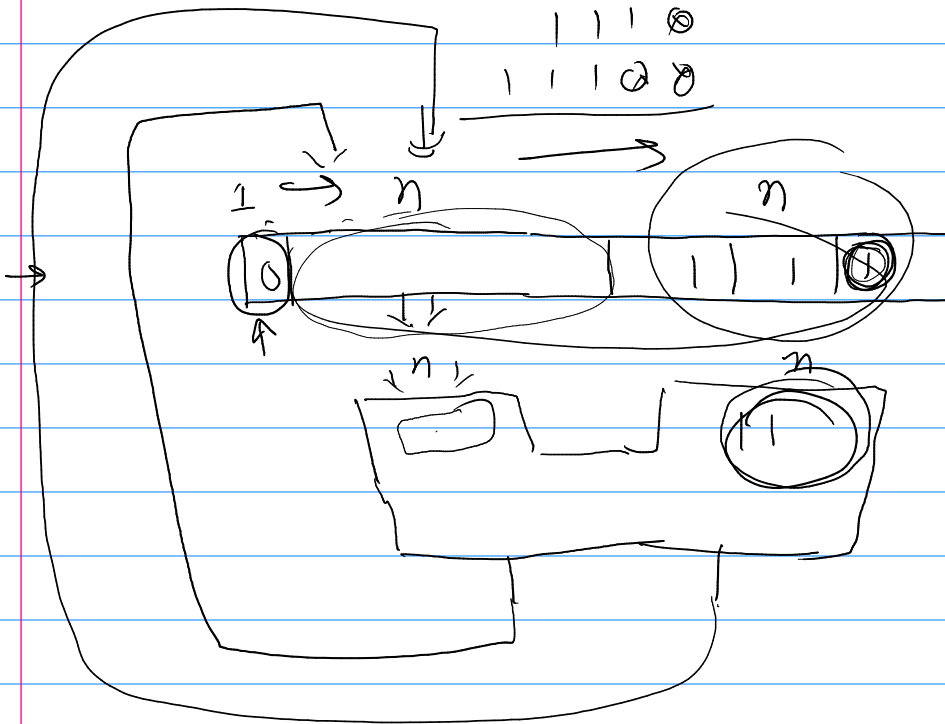


1 1 0

1 1 1

$$\begin{array}{r} 111 \\ \times 110 \\ \hline 000 \\ 1110 \\ \hline 11100 \end{array}$$

$$\begin{array}{r} 110 \\ \times 111 \\ \hline 110 \\ 1100 \\ 11000 \\ \hline \end{array}$$

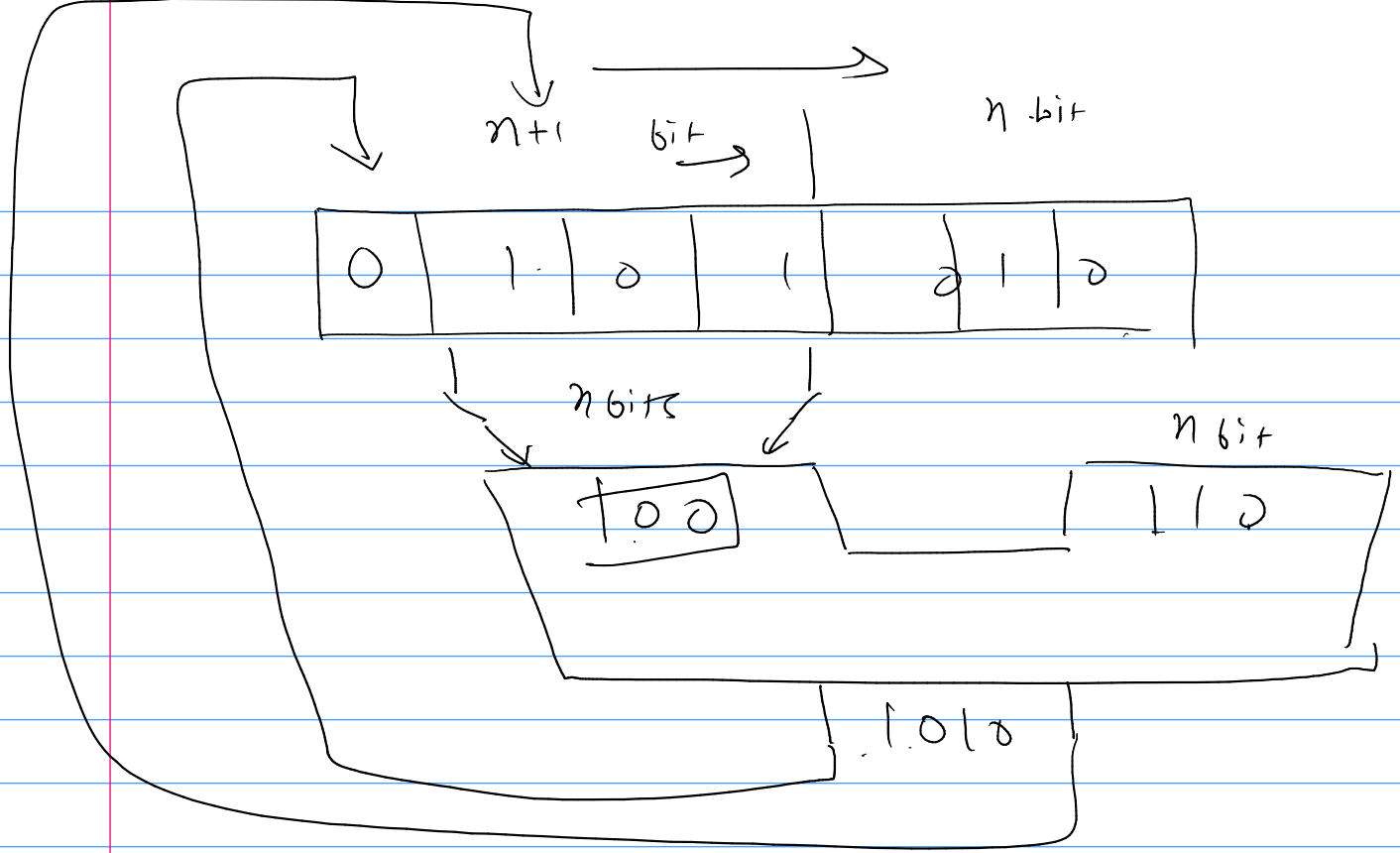


n

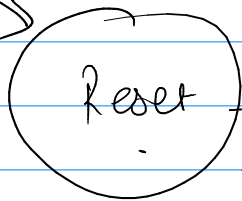
← shift reg

x x

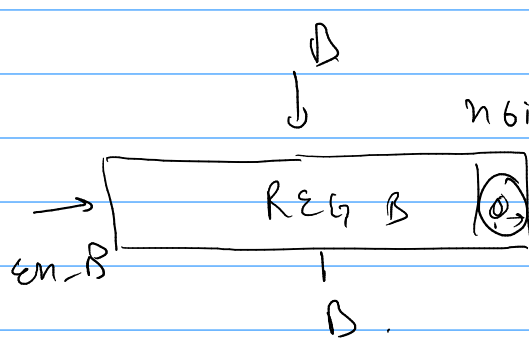
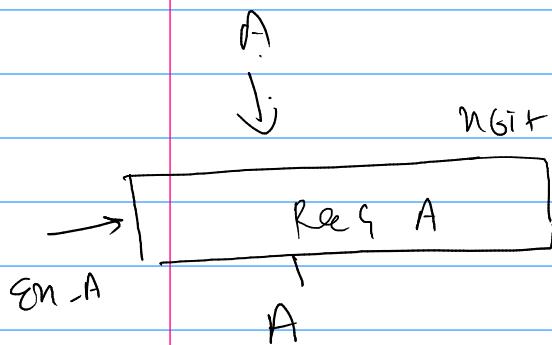
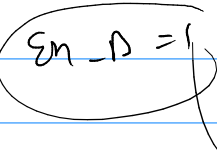
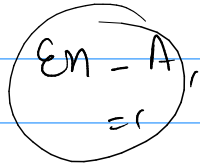
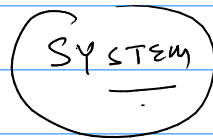
$$\begin{array}{r} 1111 \\ \longrightarrow \\ 0111 \end{array}$$



ENV-RDY



o/p SYST-RDY



Count-over
done

OP-ADD

