

## \* Power of Two

$$\begin{array}{r} n = 1000 \\ n-1 = 111 \\ \hline 0000 \end{array}$$

or

$$1000 \Rightarrow 100 \Rightarrow 10 \Rightarrow 1 \Rightarrow 0$$

count for  $15^{\text{th}} = 1$