$$\begin{array}{c|c}
255 & 16 \\
15 & 16 \\
\hline
15 & 0
\end{array}$$

$$\rightarrow 255_{(10)} = > FF_{(16)}$$

$$\Rightarrow 255_{(10)} \Leftrightarrow ++$$

$$\rightarrow 500_{(10)} \stackrel{\langle = \rangle}{=} 1F4_{(16)}$$

$$\rightarrow 2048(10) (=> 800(16)$$

$$\begin{array}{c|cccc}
100 & 16 & & \\
4 & 6 & 16 & & \\
6 & 0 & & \\

\hline
 & 100_{(10)} & \stackrel{(16)}{\longleftrightarrow} & 64_{(16)}
\end{array}$$

$$\rightarrow 1024_{(10)} \Leftrightarrow 400_{(10)}$$