

⊛ To display digits

EX  $n = 123$

Step-1

$$\begin{array}{r} 10 \overline{) 123} \quad (12) \rightarrow \text{Quotient} \\ \underline{120} \\ (3) \rightarrow \text{Remainder} \end{array}$$

Step-2

$n = 12$

$$\begin{array}{r} 10 \overline{) 12} \quad (1) \\ \underline{10} \\ (2) \rightarrow \text{remainder} \end{array}$$

Step-3

$n = 1$

$$\begin{array}{r} 10 \overline{) 1} \quad (0) \\ \underline{00} \\ (1) \rightarrow \text{Remainder} \end{array}$$

$n = 0$

stop when  $n$  becomes

$\boxed{0}$

⊛ See the logic

remainder for step-1 to step-3

We are getting all digits.

⊛ The process  
until  $n = 0$



⊛ The process is divide by 10  
until  $\boxed{n=0}$