$$
\begin{array}{r}
4 \\
10\overline{)45} \\
40 \\
\hline
5
\end{array}
\qquad
\begin{array}{r}
4 \\
10\overline{)4\,0} \\
0 \\
\hline
0
\end{array}
$$

digit = 5
rev = rev * 10 + digit
rev = 0 * 10 + 5
rev = 5
num = num /10
num = 45/10
num = 4
loop 2
digit = num % 10
 digit = 4 % 10
digit = 0
rev = (rev * 10) + digit
rev = (5*10) +4
rev = 54
num = num / 10
num = 4 /10
num = 0
cout rev = 54