

629 \Rightarrow

$$\begin{array}{r} \textcircled{62} \\ 10 \overline{) 629} \\ \underline{-620} \\ 9 \end{array}$$

1024

$$\begin{array}{r} 102 \\ 10 \overline{) 1024} \\ \underline{-1020} \\ 4 \end{array}$$

$$(629)_{10} \Rightarrow 600 + 20 + 9$$

$$\begin{array}{r} 629 \\ \swarrow \downarrow \searrow \\ 620 \quad 9 \\ \swarrow \downarrow \searrow \\ 20 \quad 9 \\ \swarrow \downarrow \searrow \\ 200 \quad 9 \end{array}$$

$$\begin{array}{c} 629 \\ \swarrow \downarrow \searrow \\ 6 \times 10^2 \quad 2 \times 10^1 \quad 9 \times 10^0 \end{array}$$

$$\% 10$$

$$\% 10^2 \Rightarrow \% 100$$

q: Last digit extract.



Follow-up:

q: Add next 2 digits of an user's no.



$$\text{num} = 329$$

o/p: 11

$$\text{num} = 1029345$$

o/p: 9