


$a = 10 \Rightarrow \underline{\underline{\text{Assume}}}$

b = 20

$c = 30$

$\text{max} = \cancel{10} \text{ } 30$

if $b > \text{max} :$

$\text{max} = b$

if $c > \text{max} :$

$\text{max} = c$

Ans

0 1^{st} 2^{nd} 3 4 5 6 7
 $0, 1, 1, 2, 3, 5, 8, 13, \dots$

$0, 1, \textcircled{1}, 2, 3, 5, 8, \dots$

a	b
0	1
1	1
1	2
2	3
3	5

$$N = 1385(7)5(7)8(7)9$$

$$\text{Ans} = 3$$

$$N = 138(9)/10$$

$$N \div 10 = \underline{\underline{\text{last digit}}}$$

$$\begin{array}{r} 10 \overline{) 1389} \quad (138 \\ - 1380 \\ \hline (9) \\ \hline \end{array}$$

$$n = 13839$$

$$\text{count} = 0$$

while ($n > 0$) {

$$\text{rem} = n \% 10 \quad // \text{ last digit}$$

if ($\text{rem} == 3$) {

count ++;

}

$$n = n / 10;$$

}

$$\frac{\text{count}}{012}$$

$$13839 \% 10 = 9$$

↓

$$1383 \% 10 = 3$$

↓

$$138 = 8$$

↓

$$13 = 3$$

↓

$$1 = 1 \% 10 \text{ (0)}$$

$$\frac{41}{0}$$

0

Q. $n = 23597$

$$\text{ans} = 7 \times 10 + 9 = 79$$

$$= 79 \times 10 + 5 = 795$$

$$= 795 \times 10 + 3 = 7953$$

$$= 7953 \times 10 + 2 = \textcircled{79532}$$

Ans: $\textcircled{79532}$

$\textcircled{2} \textcircled{3} \textcircled{5} \textcircled{9} \textcircled{7}$