



Start

Print "Enter a Number"

Input "num"

Input * mod, reverse = 0

Repeat {

mod = num % 10

num = $\frac{\text{num}}{10}$

reverse = reverse * 10 + mod

}

Until (num > 0)

Print "reverse"

Repeat {

mod = num % 10

If

mod == 9

Print "mod"

num = $\frac{\text{num}}{10}$

Else,

Print "mod"

num = $\frac{\text{num}}{10}$

}

Until (num > 0)

End

Qno: 10

~~Set~~

Input
Enter
a number "n"
Input
n, mod,
rev = 0

Processing
Check if $n > 0$
if yes,
then $mod = num \% 10$
 $num = \frac{num}{10}$

$Rev = rev \times 10 + mod$

Repeat these steps
until num is not
greater than 0.

if No, then
assign rev to ~~mod~~ n
 $n - mod = rev$

Again check if
 $n > 0$ if yes,
then,

$mod = n \% 10$

~~mod~~ Check if
 $mod == 9$

if yes,

then Print mod

~~4~~ and $num = \frac{num}{100}$

if no, then

Print mod

$num = \frac{num}{10}$

Repeat until

num is not
greater than 0

Output

Print "mod"