

## Algorithm

Step 1: Start

Step 2: Read the value for  $n$

Step 3: while ( $n \neq 0$ ) // if ( $n \neq 0$ ) condition becomes false, then goto step 5

3-1:  $i++$

3-2:  $n = n/10$

Step 4: repeat step 3 until the condition becomes false

Step 5: print "The number of digits:"

## flow chart

