

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

Step 6: Stop.

Flowchart:

