Coding problem - 3

Chef's coding journey continues.
Chef was given an integer input N - he needs to find the number of digits in the given integer.

- Let's assume the number of digits in N is x.
- Whenever we divide a number by 10 and store it in an integer, the right-most digit of that number gets removed.
- Since 1 digit gets removed each time we divide a number by 10, thus the total number digits we can remove from a number are the total number of digits in the number.
- Thus, we can divide N by 10, x times before it becomes 0, after which the division will not affect the number and it will remain 0(as 0 divided by anything is still 0).
- So, If we keep dividing the integer N by 10 in a loop, till it reaches 0, the loop will execute x times.
- Now, we can just count how many times the loop was executed, by starting a count from 0 and increasing the count each time the loop executes.
- Here, we can get the number of digits in N in count.

Based on this, Help him complete the `while` loop.

Sample 1:

Input	Output
14635	5

Sample 2:

Input	Output
3246	4