Program to check number of digits in number

Step1 : Declare variable and take input for the number.

Step 2 : Logic for the program, initiate counter variable to save number digits and run loop and slice the number 1 digit at a time by dividing 10. and incrementing counter variable on each iteration

Step 3 : Print counter variable.

```
          ( Start )
              |
              v
  / Variable declaration and  /
 /  taking input from the user /
/     using Scanner           /
              |
              v
         < while(num!=0) > ----> ...
              |                    |
              v                    |
  +---------------------+          |
  | num=num/10 and      |          |
  | counter++           |          |
  +---------------------+          |
              |                    v
          (loop back)    +---------------------+
                         | Printing counter    |
                         | variable value once |
                         | loop is completed   |
                         +---------------------+
                                   |
                                   v
                               ( End )
```