```
File - D:\cpl\2023-cpl-coding-0\3-for-a-while\digits-while.c
 1 //
 2 // Created by hfwei on 2023/10/12.
 3 //
 5 #include <stdio.h>
 7 int main(void) {
     int number = 0;
 9
     scanf("%d", &number);
10
     // TODO: number of digits
11
12
     int num_of_digits = 0;
13
14
     // TODO: >= (infinite loop)
15
     if (number == 0) {
16
      num_of_digits = 1;
17
     } else {
18
       while (number > 0) {
19
          number /= 10;
20
          num_of_digits++;
       }
21
      }
22
23
24
     printf("Number of digits is %d\n",
25
             num_of_digits);
26
27
      return 0;
28 }
```