Program to find number of digits in an integer

## Algorithm

Step 1 : start
Step 2 : Read the value for $n$
Step 3 : while $(n \, != 0)$ // if $(n \, != 0)$ condition becomes false then goto step 5
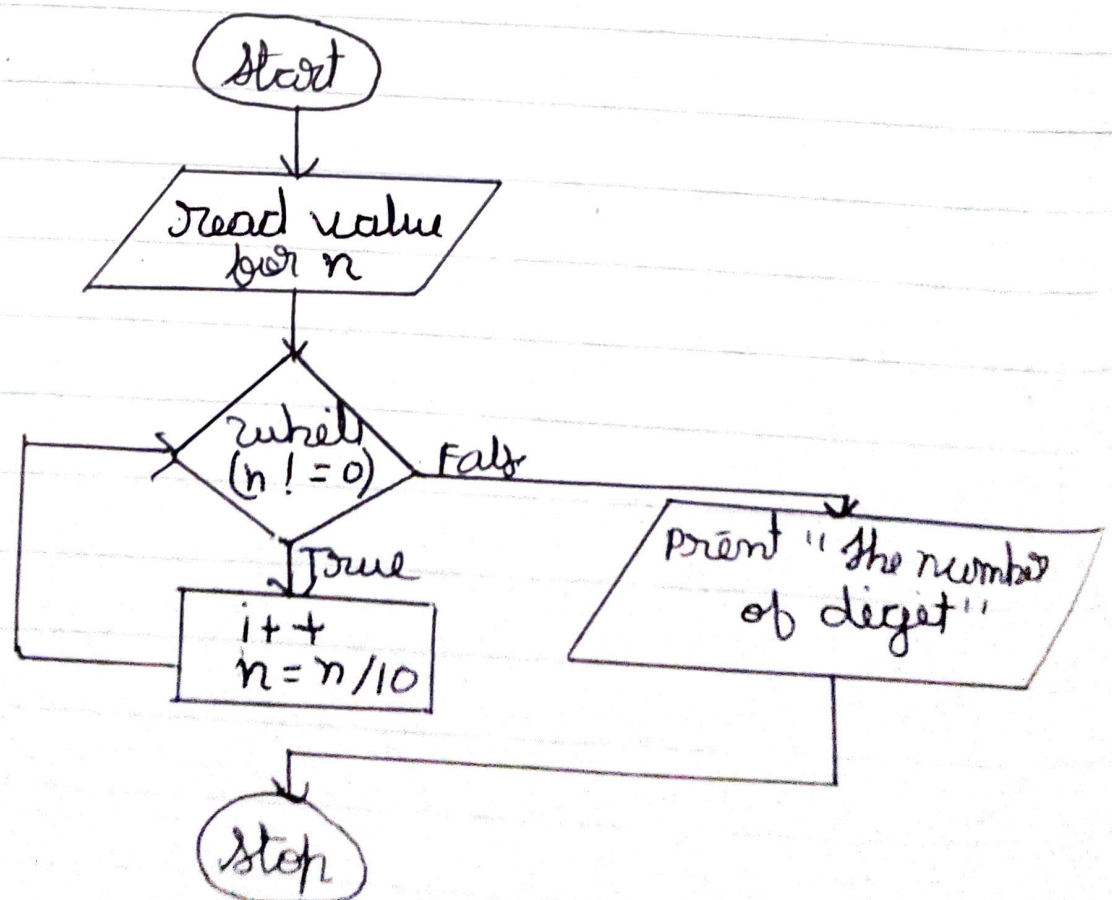
  3-1 : $i++$

  3-2 $n = n/10$

Step 4 : repeat step 3 until the condition become false
Step 5 : print " The number of digit : "
Step 6 : Stop

## Flowchart

# Code, Compile & Run

Contest Code/Name (e.g. JULY15/PRACTICE)    Problem Code/Name (e.g. TEST)    **Select**

C (gcc 6.3) ▼    💾    🗑    Code gets autosaved every second    ❶    ⬇    ↗    ⚙

```c
1   #include<stdio.h>
2   int main()
3   {
4       int i,n;
5       printf("Enter the number :");
6       scanf("%d",&n);
7       while(n!=0)
8       {
9           i++;
10          n=n/10;
11      }
12      printf("The number of digit: %d",i);
13  }
```

(12:4) 12:4    ↻

**Open File**    ✓ Custom Input    **Run**

Custom Input

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**Status** Successfully executed    **Date** 2020-06-01 11:32:48    **Time** 0 sec    **Mem** 9.424 kB    ✖

**Input**

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**Output**

Enter the number :The number of digit: 3