

IDE

Code, Compile & Run

Ide x +

Contest Code/Name (e.g. JULY15/PRACTICE)

Problem Code/Name (e.g. TEST)

Select

C (gcc 6.3)



Code gets autosaved every second



```

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 }
```

0:0



Open File

✓ Custom Input

Run

Custom Input

430

Status Successfully executed **Date** 2020-06-01 11:37:30 **Time** 0 sec **Mem** 9.424 kB



Input

430

Output

Enter the number :The number of digit: 3

Program to find the no. of digits in an integer

Algorithm:

1. Start
2. Read the value for n
3. while $(n \neq 0)$ // ~~If $n \neq 0$~~ If $(n \neq 0)$ condition becomes false go to step 5
- 3.1. $i++$
- 3.2. $n = n/10$
4. Repeat step 3 until the condition becomes false
5. Print the number of digits
6. Stop

Flowchart:

