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Code, Compile & Run

Ide   ✕   +

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  void main()
3  {
4  char string[80];
5  int count, nc = 0, sum = 0;
6  printf("Enter the string containing both digits and alphabet \n");
7  scanf("%s", string);
8  for (count = 0; string[count] != '\0'; count++)
9  {
10  if ((string[count] >= '0') && (string[count] <= '9'))
11  {
12  nc += 1;
13  sum += (string[count] - '0');
14  }
15  }
16  printf("NO. of Digits in the string = %d\n", nc);
17  printf("Sum of all digits = %d\n", sum);
18  }
19
20
21
```

0:0   ↻

Open File   ✓ Custom Input   **Run**

Custom Input

hello100

Status Runtime error   **Date** 2020-06-20 05:56:46   **Time** 0 sec   **Mem** 9.424 kB   ✕

Input

hello100

Output

Enter the string containing both digits and alphabet
NO. of Digits in the string = 3
Sum of all digits = 1

Runtime Error

NZEC

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Algorithm:

step1 : start

Step2 : Input N

step 3 : Sum = 0

step 4 : while (N != 0)

Rem = N % 10;

Sum = Sum + Rem;

N = N/10;

Step 5 : Print sum

step 6 : stop.

Flowchart :

```
                    ( start )
                        |
                        v
                +---------------+
                |    Sum = 0    |
                +---------------+
                        |
                        v
                 /---------------/
                /    Read N     /
               /---------------/
                        |
    +------------------>|
    |                   v
    |              /          \           F
    |            /   N! = 0     \------------------+
    |            \             /                   |
    |              \          /                    |
    |                   | T                        |
    |                   v                          |
    |           +----------------+                 |
    |           | REM = N'/. 10  |                 |
    |           +----------------+                 |
    |                   |                          |
    |                   v                          |
    |           +----------------+                 |
    |           | sum = sum + R  |                 |
    |           |       EM       |                 |
    |           +----------------+                 |
    |                   |                          |
    |                   v                          |
    |           +----------------+                 |
    +-----------|    N = N/10    |                 |
                +----------------+                 |
                        |                          |
                        |<-------------------------+
                        v
                 /---------------/
                /               /
               /   Print sum   /
              /---------------/
                        |
                        v
                    ( Stop )
```