Week-05 Problem-02

Due on 2020-03-05, 23:59 IST

Write a C program to count total number of digits of an Integer number (N).

Sample Test Cases

<table>
<thead>
<tr>
<th>Input</th>
<th>Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>570</td>
<td>The number 570 contains 3 digits.</td>
</tr>
<tr>
<td>934521</td>
<td>The number 934521 contains 6 digits.</td>
</tr>
<tr>
<td>3456</td>
<td>The number 3456 contains 4 digits.</td>
</tr>
<tr>
<td>30001</td>
<td>The number 30001 contains 5 digits.</td>
</tr>
</tbody>
</table>

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

Sample solutions (Provided by instructor)

```c
#include <stdio.h>

int main()
{
    int N;
    scanf("%d",&N); /*The number is accepted from the test case data*/
    /* Complete the rest of the code. Please use the printf statements as l
    by just changing the variables used in your program
    printf("The number %d contains %d digits.",N,count);

    int temp, count;
    count=0;
    temp=N;
    while(temp>0)
        { count++;
```
Loops (unit?
unit=6&lesson=37)

- Lecture 24:
  Example of Loops (Contd.)
  (unit?
unit=6&lesson=38)

- Lecture 25:
  Example of Loops
  (Contd.), Use
  of FOR Loops
  (unit?
unit=6&lesson=39)

- Quiz:
  Assignment 5
  (assessment?
name=104)

- Week-05
  Problem-01
  (/noc20_cs06/progassignment?
name=118)

- **Week-05**
  Problem-02
  (/noc20_cs06/progassignment?
name=119)

- Week-05
  Problem-03
  (/noc20_cs06/progassignment?
name=120)

- Week-05
  Program-04
  (/noc20_cs06/progassignment?
name=121)

- Week-05
  Program-05
  (/noc20_cs06/progassignment?
name=122)

- Feedback For
  Week 5 (unit?
unit=6&lesson=130)

### Week 6

### Week 7

### Week 8

### Week 9

### Week 10

```c
18 temp/=10;
19 }
20 printf("The number %d contains %d digits.",N,count);
21 }
```
<table>
<thead>
<tr>
<th>Week 11</th>
</tr>
</thead>
<tbody>
<tr>
<td>Week 12</td>
</tr>
</tbody>
</table>

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