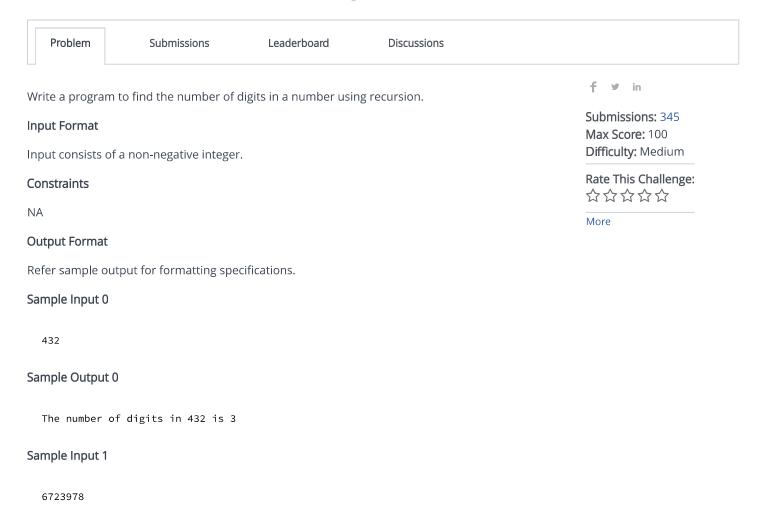
Recursion - Number of digits



Sample Output 1

The number of digits in 6723978 is 7

```
C
1 ♥#include <stdio.h>
2 | #include <string.h>
  #include <math.h>
4 #include <stdlib.h>
5 vint count(int n,int sum){
6
       sum+=1;
       n/=10;
7
       if(n%10==0){
8 🔻
9
            return sum;
10
11
       return count(n,sum);
```

```
12 }
  13
  14 vint main() {
           int n,sum=0;
  15
           scanf("%d",&n);
  16
           printf("The number of digits in %d is %d",n,count(n,sum));
  17
  18
  19 }
  20
                                                                                                              Line: 1 Col: 1
<u>♣ Upload Code as File</u> Test against custom input
                                                                                               Run Code
                                                                                                             Submit Code
 Testcase 0 ✓
                Testcase 1 🗸
 Congratulations, you passed the sample test case.
 Click the Submit Code button to run your code against all the test cases.
 Input (stdin)
  432
 Your Output (stdout)
  The number of digits in 432 is 3
 Expected Output
  The number of digits in 432 is 3
```

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