

Description

Solution

Submissions

Discuss (526)

C++

Autocomplete

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1281. Subtract the Product and Sum of Digits of an Integer

Easy 180 73 Add to List Share

Given an integer number n , return the difference between the product of its digits and the sum of its digits.

Example 1:

Input: $n = 234$

Output: 15

Explanation:

Product of digits = $2 * 3 * 4 = 24$ Sum of digits = $2 + 3 + 4 = 9$ Result = $24 - 9 = 15$

Example 2:

Input: $n = 4421$

Output: 21

Explanation:

Product of digits = $4 * 4 * 2 * 1 = 32$ Sum of digits = $4 + 4 + 2 + 1 = 11$ Result = $32 - 11 = 21$

```
1 class Solution {
2 public:
3     int subtractProductAndSum(int n) {
4         int p=1;
5         int su=0;
6         while(n>0){
7             int t=n%10;
8             su+=t;
9             p*=t;
10            n=n/10;
11        }
12        return p-su;
13    }
14 };
15
```

Testcase

Run Code Result

Debugger



Accepted

Runtime: 4 ms



Your input

234

Output

15



Diff

Expected

15

Problems

Pick One

< Prev

236

Next >

Conso...

How to create a
testcase

Run Code

Submit