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shariprakashcece ▾

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Armstrong Number 29

Problem

Submissions

Leaderboard

Discussions

Check whether the given number is Armstrong or not

Input Format

An integer

Constraints

1

Output Format

print yes or No

Sample Input 0

153

Sample Output 0

Yes

[f](#) [t](#) [in](#)

Submissions: 75

Max Score: 10

Difficulty: Medium

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C ▾



```
1 #include <stdio.h>
2 #include <string.h>
3 #include <math.h>
4 #include <stdlib.h>
5
6 int main() {
7
8     /* Enter your code here. Read input from STDIN. Print output to STDOUT */
9     int n,a,sum=0,b;
10    scanf("%d",&n,&a);
11    b=n;
12    while(n!=0)
13    {
14        sum+=pow(n%10,a);
15        n=n/10;
16    }
17    if(sum==b)
18        printf("Yes");
19    else
20        printf("No");
21    return 0;
22 }
```

23

Line: 22 Col: 2

 [Upload Code as File](#) ☐ **Test against custom input**

Run Code

Submit Code