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shariprakashcece ▾

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Sum of factors of a Number 1

Problem

Submissions

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Discussions

Sum of factors of a Number

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Input Format

Accept an integer as input

Constraints

 $1 \leq n \leq 1000$

Output Format

Print the Sum of factors of a Number

Sample Input 0

10

Sample Output 0

18

Submissions: 90

Max Score: 15

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,sum=0,i;
10    scanf("%d",&n);
11    for(i=1;i<=n;i++)
12    {
13        if(n%i==0)
14            sum+=i;
15    }
16    printf("%d",sum);
17    return 0;
18 }
19
20
```

Line: 19 Col: 1

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