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## Sum of divisors

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Write a function that returns the sum of the divisors of a number  $n$ .

For instance, the sum of the divisors of 28 is  $1 + 2 + 4 + 7 + 14 + 28 = 56$ .

### Interface

C++,C	<code>int sum_divisors(int x);</code>
Java	<code>public static int sumDivisors(int x);</code>
Python	<code>sum_divisors(x) # returns int</code> <code>sum_divisors(x: int) → int</code>

### Precondition

$1 \leq n \leq 10^8$ .

### Observation

You only need to submit the required procedure; your main program will be ignored.

### Problem information

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