A **perfect number** is a positive integer that is equal to the sum of its proper positive divisors, that is, the sum of its positive divisors excluding the number itself.

Your task is to check if the given number is perfect.

**Example:**

* is\_perfect(6) == true, since 1 + 2 + 3 = 6
* is\_perfect(8) == false, since 1 + 2 + 4 ≠ 8
* is\_perfect(28) == true, since 1 + 2 + 4 + 7 + 14 = 28
* **[input] integer number**
  + A number between 1 and 109exclusive.
* **[output] boolean**
  + true if it's a perfect number; falseotherwise.

<https://codefights.com/challenge/L9wJ5usaN37CiPbLs>

static bool is\_perfect(int number)

{

int sum = 0;

for (int i = 1; i < number; i++)

{

if (number % i == 0)

{

sum += i;

}

}

if (sum == number) return true;

return false;

}