

Quiz 3 - Perfectly Numerical

A natural number b is a divisor of another natural number a when there exists a natural number c such that $b * c = a$.

Every number $n > 1$ has at least two distinct divisors: n and 1 , since $n * 1 = 1 * n = n$.

Many numbers have more than two divisors. For example, 6 has four: $6, 3, 2, 1$.

We call a number $n > 1$ perfect when the sum of all of its divisors, except for n itself, are equal to n .

For example, 6 is perfect since $3 + 2 + 1 = 6$.

Your task: Write a function that takes as a parameter an integer $n > 1$, prints on the screen all perfect numbers strictly less than n .