

Telerik Academy

Telerik Academy Season 2016-2017 / C# Fundamentals Exam - 25 April 2016

Task 3: Sum of Even Divisors

Description

Even divisors sum is called the sum of all even divisors of a given integer.

For example: 6 has 4 divisors (1, 2, 3 and 6) but only 2 and 6 of them are even, so the sum of all even divisors of 6 is 8.

You are given 2 numbers: **A** and **B**. For each number in the interval **A, B** **sum the sum of their even divisors**.

Input

- On the first input line, there will be the number **A**.
- On the second input line, there will be the number **B**.
- The input data will always be valid and in the format described. There is no need to check it explicitly.

Output

- On the only output line, write the sum of all sums.

Constraints

- $1 < A < 1000$
- $1 < B < 1000$
- Allowed working time for your program: **0.1s**
- Allowed memory: **16MB**

Sample tests

Input	Output
1 4	8
5 10	34
11 100	4118
900 1000	80260