

Problem Statement

Java

Given 2 positive numbers, N1 and N2 write a java program to check they are amicable numbers.

Hint : Amicable numbers are two different numbers so related that the sum of the proper divisors of each is equal to the other number.

Constraints :

$$1 \leq N1 \leq 10^6$$

$$1 \leq N2 \leq 10^6$$

$$N1 \neq N2$$

Input Format :

First line contains the numbers N1 and N2 separated by comma

Output Format :

Print true if numbers are amicable ;else false if they are not amicable

Sample Input :

220,284

Sample Output :

true

Sample Input :

123,233

Sample Output :

false