Lab-5 IPS SCOPE4

1. Write a program to find the extreme divisors of two positive integers n1 and n2, i.e You need to output the smallest common divisor, greater than 1 and the largest common divisor of n1 and n2. if there is no common divisor output (None, None).

input

100

200

output

2

100

1. Write a program to find the sum of all numbers that are divisible by x or y till the number n(including n).

Sample input:

100 (n)

2 (x)

7 (y)

Sample output:

2893

1. You are given two positive integers A and B. Find the number of pairs of positive integers (X,Y) such that 1≤X≤A, 1≤Y≤B and X+Y is even

Input

2 3

Output

3