

These are the programs you should write for the other group you are assigned to. If you encounter any issues, you are encouraged to communicate with the other group as it is in everyone's best interest that these programs work correctly.

Program 1.

Write this program in a file called *Program1.txt*. The program should take in two integer arguments from the command line and should print out the max, sum, difference (larger minus smaller), product, gcd (greatest common divisor), and lcm (lowest common multiple) of the two numbers.

Examples.

Input: 5, 7

Output:

Max = 7

Sum = 12

Difference = 2

Product = 35

1

GCD = 1

LCM = 35

Input: 12, 20

Output:

Max = 20

Sum = 32

Difference = 8

Product = 240

GCD = 4

LCM = 60

Program 2.

Write this program in a file called *Program2.txt*. This program should take in three command line arguments (a , b , and m). First, for all numbers i from a to b (inclusive), print out i stars. For each i -value, print the stars on a separate line. Then, calculate and print the sum of all the multiples of a or b that are below m .

Examples.

Input: 3, 5, 1000

Output:

233168

Input: 6, 10, 1450

Output:

244086