Project:

Write an Assembly program that will ask the user to enter 2 numbers from keyboard (each number is 3 digit decimal number between 0 and 250). Then it will find and print in the screen:

1. The Greatest Common Divisor (GCD) القاسم المشترك الأكبر
2. The Least Common Multiple (LCM) المضاعف المشترك الأصغر
3. Show the steps of adding 2 fractions and show the result in the simplest form.

You should write a small report to explain your algorithm and steps ( 3 to 4 pages).

Example:

Please enter 1st number: 100

Please enter 2nd number: 150

GCD = 50

LCM = 300

Then you should show example of fractions addition.

If you enter any invalid number you should print error message and ask the user to enter the number again.

Deadline: Saturday 2/1/2021 till midnight.

There will be -2 marks for each late day.

All the best,