Lab 2

In this task we represent a fraction (at the beginning as a simple structure).

You have to implement (according to the instructor guidelines) all necessary functionalities according to given header and example usage in main.

In the second part convert structure to class. Add and implement (according to the instructor guidelines) elements necessary to maintain the same functionality.

Hint:

Function calculating GCD (pseudocode):
GCD (int a int b)
while b != 0
r := the rest from dividing a by b
a := b
b := r
return a

Example output:

Enter nominator: 3
Enter denominator: 4
u1= 3/4
Enter nominator: 6
Enter denominator: 9
u2= 2/3

Addition of two fractions:

u3=u1+u2= 17/12

u2+u2= 4/3
Enter nominator: 5
Enter denominator: 6
Enter nominator: 2
Enter denominator: 6
5/6
1/3

-4/5