

Lab Goal : This lab was designed to teach you how to use for loops and as a review of mod %.

Lab Description : Determine the greatest common divisor between two numbers. The greatest common divisor is the largest number that will evenly divide into both numbers.

The GCD of 2 and 4 is 2.

The GCD of 5 and 50 is 5.

The GCD of 11 and 110 is 11.

Files Needed ::

GCD.java

Lab08k.java

Sample Data :

5 25

4 400

8 80

15 45

9 9

3 543

Sample Output :

the gcd of 5 and 25 is 5

the gcd of 4 and 400 is 4

the gcd of 8 and 80 is 8

the gcd of 15 and 45 is 15

the gcd of 6 and 66 is 6

the gcd of 9 and 9 is 9

the gcd of 3 and 543 is 3