*//The following code takes in two numbers and finds the GCF using the Euclidean Algorithm*import java.util.Scanner;
public class EuclideanAlgorithm {
 public static void main(String[] args) {
 Scanner myScanner = new Scanner(System.in);
 System.out.println("What is the first number?");
 int a = myScanner.nextInt();
 System.out.println("What is the second number?");
 int b = myScanner.nextInt();
 int gcd = 0;
 if(a > b) {
 int r = a%b;
 while(r > 0) {
 a = b;
 b = r;
 r = a%b;
 }
 if(r == 0) {
 gcd = b;
 }
 }
 else if(b > a){
 int r = b%a;
 while(r > 0) {
 b = a;
 a = r;
 r = b%a;
 }
 if(r == 0) {
 gcd = a;
 }
 }
 else {
 gcd = a;
 }
 System.out.println("The GCD is: " + gcd);
 }
}