*//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);  
 }  
}