***EXERCISE: 11***

***DATE: 20.11.2020***

***AIM:***

*To write a Python program to find the greatest common divisor (GCD) of two integers using recursion.*

***PROGRAM:***

*def gcd(a,b):*

*if(b==0):*

*return a*

*else:*

*return gcd(b,a%b)*

*a = int(input("Enter first number: "))*

*b = int(input("Enter second number: "))*

*GCD = gcd(a,b)*

*print("GCD is: ")*

*print(GCD)*

***LINK:***

***http://103.53.53.18/mod/vpl/forms/edit.php?id=326&userid=1648***

***OUTPUT:***

***A screenshot of a computer

Description automatically generated***

***RESULT:***

*The greatest common divisor (GCD) of two integers using recursion is successfully obtained.*