**EXERCISE NUMBER**:**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=1734**](http://103.53.53.18/mod/vpl/forms/edit.php?id=326&userid=1734)

**Output:**

**Input:**

Enter first number: 24

Enter second number: 12

**Output:**

GCD is:

12

**Result:**

The program has been executed and expected output is obtained.