**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=1656#

**OUTPUT:**

Enter first number:12

Enter second number:24

GCD is:

12

**RESULT:**

The greatest common divisor(GCD) of 2 integers using recursion is successfully obtained.