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/submissionview.php?id=326&userid=1644>

**OUTPUT**:

A screenshot of a computer

Description automatically generated

**RESULT**:

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