**Exercise No: 11**

**Date:**

**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)

**Output:**

Enter first number: 12

Enter second number: 18

GCD is: 6

**Result:**

The output has been executed and successfully verified.