Exercise No: 11

Date:22/11/2020

Aim:

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=1797#>

output:

I/P:

Enter the first number : 98

Enter the second number : 56

O/P:

GCD is : 14

Result:

The program executed and the output are obtained successfully and verified.