**Exercise no** : 11

**Date** : 19.11.2020

**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/submissionview.php?id=326&userid=1654**](http://103.53.53.18/mod/vpl/forms/submissionview.php?id=326&userid=1654)

**OUTPUT:**

Enter first number: 120

Enter second number: 698

GCD is

2

**RESULT:**

Thus the a Python program to find the greatest common divisor (gcd) of two integers using recursion.