**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)

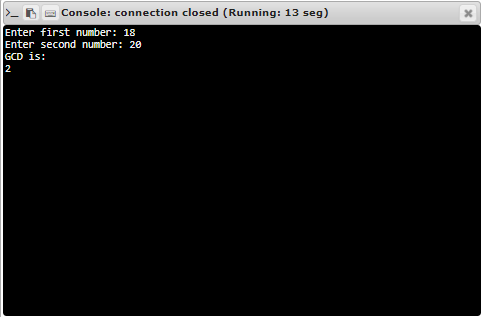
print("GCD is: ")

print(GCD)

**LINK:**

[**http://103.53.53.18/mod/vpl/forms/submissionview.php?id=326&userid=1697**](http://103.53.53.18/mod/vpl/forms/submissionview.php?id=326&userid=1697)

**OUTPUT:**

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**RESULT:**

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