EX.NO**:5-A GCD OF TWO NUMBERS**

**18/01/23**

**AIM:**

To find the GCD of two numbers by using python program.

**PROGRAM:**

n=int(input("Enter the first number : "))

m=int(input("Enter the second number : "))

if(n>m):

divident=n

divisor=m

else:

divident=m

divisor=n

def GCD(x,y):

while(y!=0):

rem=x%y

x=y

y=rem

return x

c=GCD(divident,divisor)

print("GCD of",n,"and",m,"is",c)

**OUTPUT:**

Enter the first number:125

Enter the second number:25

GCD of 125 and 25 is 25

**EX.NO:5-B FIND THE MAX OF TWO NUMBERS**

**18/01/23**

**AIM:**

To find the max of two numbers by using python program.

**PROGRAM:**

a=int(input("Enter the number : "))

b=int(input("Enter the number : "))

def maximum(x,y):

m=max(x,y)

return m

c=maximum(a,b)

print("Max number is",c)

**OUTPUT:**

Enter the number:10

Enter the number:30

Max number is 30

**EX.NO:5-C AREA AND PERIMETER OF TRIANGLE**

**18/01/23**

**AIM:**

To find the area and perimeter of the triangle by using python program.

**PROGRAM:**

a=int(input("Enter the value of side 1 : "))

b=int(input("Enter the value of base : "))

c=int(input("Enter the value of side 2 : "))

h=int(input("Enter the value of height : "))

def area(x,y):

A=(1/2)\*x\*y

return A

def peri(x,y,z):

p=x+y+z

return p

A=area(b,h)

p=peri(a,b,c)

print("Area of Triangle is",A)

print("Perimeter of Triangle is",p)

**OUTPUT:**

Enter the value of side 1:10

Enter the value of base:20

Enter the value of side 2:30

Enter the value of height:5

Area of Triangle is 50.0

Perimeter of Triangle is 60

**EX.NO:5-D CONVERT TIME INTO MINUTE**

**18/01/23**

**AIM:**

To convert time into minute by using python program.

**PROGRAM:**

h=int(input("Enter the hour : "))

m=int(input("Enter the minute : "))

def minu(x,y):

m=(x\*60)+y

return m

minute=minu(h,m)

print("The Total Minute is",minute)

**OUTPUT:**

Enter the hour : 5

Enter the minute : 30

The Total Minute is 330

**EX.NO:5-E PRINT FULL NAME OF THE PERSON**

**18/01/23**

**AIM:**

To print full name of the person by using python program.

**PROGRAM:**

a=input("Enter the First name : ")

b=input("Enter the Last name : ")

def detail(x,y):

return x+y

d=detail(a,b)

print("Full name of the person is",d)

**OUTPUT:**

Enter the First name : Joseph

Enter the Last name : Jai

Full name of the person is JosephJai

**RESULT:**

Thus the python program is written for the given problem.