EXPT.NO:5

DATE:21.01.2023

DEFINE A FUNTION TO FIND THE MAX OF TWO NUMBERS

INPUT

def m(a,b):

if(a>b):

return a

else:

return b

a = int(input("Enter value 1:"))

b = int(input("Enter value 2:"))

Max = m(a,b)

print(Max," is Maximum")

OUTPUT

Enter value 1:7

Enter value 2:9

9 is Maximum

EXPT.NO:5

DATE:21.01.2023 Calculate GCD of two numbers

Input

n1=int(input("enter the value:"))

n2=int(input("enter the value:"))

if(n1>n2):

divident=n2

divisor=n1

else:

divident=n2

divisor=n1

while(divisor!=0):

rem=divident%divisor

divident=divisor

divisor=rem

print("GCD of",n1,"and",n2,"is",divident)

Output

enter the value:98

enter the value:56

GCD of 98 and 56 is 14

EXPT.NO:5

DATE:21.1.2023 Print the area and Perimeter of Triangle using Function

INPUT

a = int(input("Enter first side:"))

b = int(input("Enter second side:"))

c = int(input("Enter third side:"))

s = (a + b + c) / 2

area = (s\*(s-a)\*(s-b)\*(s-c)) \*\* 0.5

print('The area of the triangle is %0.2f' %area)

OUTOUT

Enter first side:7

Enter second side:8

Enter third side:9

The area of the triangle is 26.83

Expt.no:5

Date:21.1.23 write a python program to convert time hours into minutes

Input

def time\_convert(hours):

min=hours\*60

print(min)

hours=int(input("enter the hours:"))

time\_convert(hours)

Output

enter the hours:6

360

Expt.no:5

Date:21.1.23 Return the full name of the Person( first name, last name) using function

Input

def name(a,b):

return a+b

a = input("Enter your first name:")

b = input("Enter your Second name:")

Full = name(a,b)

print(Full,"is the full name")

output

Enter your first name:mari

Enter your Second name:muthu

marimuthu is the full name