**PROGRAMS USING FUNCTION**

**Ex:5(a) Full name of a person**

**Date:18/1/23**

**AIM**

To print the full name of a person.

**CODE**

def full():

firstname=input("Enter first name: ")

lastname=input("Enter the last name: ")

fullname=firstname+” “+lastname

print(fullname)

full()

**OUTPUT**

Enter first name: jesson

Enter the last name: daniel

jesson daniel

**Ex:5(b) Time-hours to minutes**

**Date:18/1/23**

**AIM**

To convert hours into minutes.

**CODE**

def ht():

minutes=hour\*60

return minutes

hour=float(input("Enter time to be converted: "))

print("Time in minutes:",ht())

**OUTPUT**

Enter time to be converted: 6

Time in minutes: 360.0

**Ex:5(c) Factorial**

**Date:18/1/23**

**AIM**

To find the factorial.

**CODE**

def fact(num):

if(num==1):

return num

else:

return(num\*fact(num-1))

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

if(num==0):

print("0! is 1")

else:

print("Factorial value is: ",fact(num))

hour=float(input("Enter time to be converted: "))

print("Time in minutes:",ht())

**OUTPUT**

Enter a number: 5

Factorial value is: 120

**Ex:5(d) Largest of the list**

**Date:18/1/23**

**AIM**

To find the largest of the list.

**CODE**

list=[]

n=int(input("Enter the no. of elements:"))

for i in range(0,n):

e=int(input("Enter element:"))

list.append(e)

print("Largest element is: ",max(list))

**OUTPUT**

Enter the no. of elements:5

Enter element:24

Enter element:35

Enter element:44

Enter element:61

Enter element:12

Largest element is: 61

**Ex:5(e) Area and perimeter of a circle**

**Date:18/1/23**

**AIM**

To find area and perimeter of a circle.

**CODE**

def area\_of\_the\_circle(Radius):

area = Radius\*\* 2 \* 3.14

return area

def perimeter\_of\_the\_circle(Radius):

perimeter=2\*3.14\*Radius

return perimeter

Radius = float (input ("Please enter the radius of the given circle: "))

print("The area of the given circle is: ", area\_of\_the\_circle(Radius))

print("The perimeter of the given circle is: ",perimeter\_of\_the\_circle(Radius))

**OUTPUT**

Please enter the radius of the given circle: 5.5

The area of the given circle is: 94.985

The perimeter of the given circle is: 34.54