**EXP NO: 5(a) PRINT THE FIBONACCI SERIES**

**DATE : 21/01/2023**

**PROGRAM:**

def fibo(n):

if n <= 1:

return n

else:

return(fibo(n-1) + fibo(n-2))

nterms = int(input("Enter the numbers:"))

if nterms <= 0:

print("Enter a positive number")

else:

print("Fibonacci sequence:")

for i in range(nterms):

print(fibo(i))

**OUTPUT:**

Enter the numbers:7

Fibonacci sequence:

0

1

1

2

3

5

8

**EXP NO: 5(b) FIND THE MINIMUM ELEMENT IN THE LIST**

**DATE: 21/01/2023**

**PROGRAM:**

def minimum():

list=[]

n=int(input("enter the number:"))

for i in range(0,n):

e=int(input("enter the list :"))

list.append(e)

print("the list is :",list)

print(" the Minimum Element in the list:",min(list))

print(minimum())

**OUTPUT:**

enter the number:3

enter the list :1

enter the list :8

enter the list :10

the list is : [1, 4, 6]

the Minimum Element in the list: 1

**EXP NO: 5(c) PRINT THE AREA AND PERIMETER OF THE RECTANGLE**

**DATE: 21/01/2023**

**PROGRAM:**

l = float(input("Enter length: "))

b = float(input("Enter breadth: "))

def area(a, b):

return (a \* b)

def perimeter(a, b):

return (2 \* (a + b))

print ("Area = ", area(l, b))

print ("Perimeter = ", perimeter(l, b))

**OUTPUT:**

Enter length: 12

Enter breadth: 6

Area = 72.0

Perimeter = 36.0

**EXP NO: 5(d) CONCATENATION OF THE NAMES**

**DATE: 21/01/2023**

**PROGRAM:**

first\_name=input("Enter a first name:")

last\_name=input("Enter a last name:")

def name():

c=first\_name+last\_name

return c

a=name()

print("The Name is",a)

**OUTPUT:**

Enter a first name:Nandha

Enter a last name:Kumar

The Name is NandhaKumar

**EXP NO:5(e) CONVERTING HOURS INTO MINUTES**

**DATE:21/01/2023**

**PROGRAM:**

time=int(input("Enter the hours:"))

def minutes():

m=time\*60

return m

a=minutes()

print("The minutes is",a)

**OUTPUT:**

Enter the hours:56

The minutes is 3360