EXP NO: 5A PRINT THE FIBONACCI SERIES

DATE : 18/01/2023

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:5

Fibonacci sequence:

0

1

1

2

3

EXP NO: 5B FIND THE MINIMUM ELEMENT IN THE LIST

DATE: 18/01/2023

PROGRAM:

def minimm():

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(minimm())

OUTPUT:

enter the number:3

enter the list :1

enter the list :4

enter the list :6

the list is : [1, 4, 6]

the Minimum Element in the list: 1

EXP NO: 5C PRINT THE AREA AND PERIMETER OF THE RECTANGLE

DATE: 18/01/2023

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: 10

Enter breadth: 20

Area = 200.0

Perimeter = 60.0

EXP NO: 5D CONCATENATION OF THE NAMES

DATE: 18/01/2023

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:AJITH

Enter a last name:KUMAR

The Name is AJITH KUMAR

EXP NO:5E CONVERTING HOURS INTO MINUTES

DATE:18/01/2023

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:4

The minutes is 240