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:5

enter the list :13

enter the list :24

enter the list :54

enter the list :76

enter the list :35

the list is : [13, 24, 54, 76, 35]

the Minimum Element in the list: 13

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: 15

Enter breadth: 10

Area = 150.0

Perimeter = 50.0

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:guru

Enter a last name:pandian

The Name is gurupandian

EXP NO:5E CONVERTING HOURS INTO MINUTES

DATE:18/01/2023

PROGRAM:

def add():

time\_in\_hours=int(input("Enter a number of hours:"))

time\_in\_mins=int(input("Enter a number of mins:"))

z=time\_in\_hours\*60+time\_in\_mins

return z

print(add())

OUTPUT:

Enter a number of hours:5

Enter a number of mins:2

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