**EXPT.NO:5**  **PROGRAMS USING FUNCTIONS**

**DATE:21.1.23**

**PROGRAM 1:**

**#concatenation of names using function**

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: nithish

Enter a last name: gowtham

The Name is nithishgowtham

**PROGRAM 2:**

**#python program to convert time hours into minutes**

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

def minutes():

    m=time\*60

    return m

a=minutes()

print("The minutes is",a)

**OUTPUT:**

Enter the hours:3

The minutes is 180

**PROGRAM 3:**

**#To Print sum and reverse of the List elements**

Students = ["Harish", "Andrew", "Danny"]

Students.reverse()

print(Students)

**OUTPUT:**

['Danny', 'Andrew', 'Harish']

SUM

# Python code to demonstrate the working of

# sum()

numbers = [1,2,3,4,5,1,4,5]

# start parameter is not provided

Sum = sum(numbers)

print(Sum)

# start = 10

Sum = sum(numbers, 10)

print(Sum)

**OUTPUT:**

25

35

**PROGRAM 4:**

**#To define a function to convert km to m**

def meter\_convertion(km):

meter=km\*1000

print(meter)

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

meter\_convertion(km)

**OUTPUT:**

enter the km:50

50000

**PROGRAM 5:**

**#To Print the area and Perimeter of cylinder  using Function**

def time(fn,sm):

h = fn\*sm\*3.14

print (h)

minutes=int(input(&quot;enter H&quot;))

radius=int(input(“enter R”))

time(minutes,radius)

**OUTPUT:**

Enter H 10

Enter R 10

314