Ex 5. Programs using Functions

*Return the full name of the Person( first name, last name) using function*

INPUT:

def full\_name(first,last):

name = first+ last

print( "the full name is :",name)

first = input ("enter the first name:")

last = input ("enter the last name: ")

full\_name(first,last)

OUTPUT:

enter the first name:HARISH

enter the last name: K S

the full name is : HARISH K S

*write a python program to convert time hours into minutes*

INPUT:

def hours(a):

min=a\*60

return min

hour= int(input("Enter your hours :")

print(" the minutes is :",hours(hour))

OUTPUT:

Enter your hours :1

The minutes is : 60

*Print sum and reverse of the List elements*

Input:

def list1():

num = int(input("Enter no. of element :"))

list2=[]

Sum = 0

for i in range (0,num):

elem=int(input("enter the element:"))

list2.append(elem)

Sum =Sum + list2[i]

print(" the summation is:", Sum)

print(list2.reverse())

print(list1())

OUTPUT:

Enter no. of element :3

enter the element:5

enter the element:4

enter the element:1

the summation is:10

[1 , 4 , 5]

*define a function to convert km to m*

INPUT:

def distance(a):

meter=a\*1000

print("the meter is ", meter)

kilo\_m=int(input(" enter kilometer:")

distance(kilo\_m)

OUTPUT:

enter kilometre: 5

the meter is 5000

*Print the area and Perimeter of cylinder  using Function*

INPUT:

def area\_peri(h,r):

area=(2\*3.14\*r\*h)+(2\*3.14\*r\*r)

peri=(4\*r)+(2\*h)

print(" The area and perimeter is :",area," ," ,peri)

a=int(input(" Enter the radius:"))

b=int(input(" Enter the height:"))

area\_peri(a,b)

OUTPUT:

Enter the radius:7

Enter the height:6

The area and perimeter is : 489.84 , 38