EXPERIMENT-5

1. PRINT SUM AND REVERSE OF THE LIST ELEMENTS

PROGRAM:

def reverse(lst):

new\_lst=lst[::-1]

sum=0

return new\_lst

lst=[10,11,12,13,14,15]

sum(lst)

print(reverse(lst))

print(sum(lst))

OUTPUT:

[15, 14, 13, 12, 11, 10]

75

>>>

1. PERIMRTER OF CYLINDER:

PROGRAM:

def perimeter( diameter, height ) :

return 2 \* ( diameter + height )

# Driver function

diameter = 5 ;

height = 10 ;

print ("Perimeter = ",

perimeter(diameter, height))

OUTPUT:

Perimeter = 30

1. Conver km to m:

PROGRAM:

def metre():

km=float(input("enter km:"))

metre=km\*1000

return(metre)

print("metre=",metre())

OUTPUT:

enter km:56

metre= 56000.0

>>>

1. TO FIND AREA OF CYLINDER:

PROGRAM:

r = 2.0 #radius

h = 5.0 #height

surfacearea = (2\*22\*(r + h))/7 #calculation

print ("Surface Area Of Cylinder : ");

print (surfacearea); #prints surface area

OUTPUT:

Surface Area Of Cylinder :

44.0

>>>

1. RETURN THE FULL NAME:

PROGRAM:

def name(firstname,lastname):

print(firstname,lastname)

return

name("lohitha","rajaselvam")

OUTPUT:

lohitha rajaselvam

1. HOURS TO MUINUTES:

PROGRAM:

def time(hours):

minutes=hours\*60

return minutes

hours=float(input("enter hours"))

print("the given hours to minutes is:",time(hours))

OUTPUT:

enter hours7

the given hours to minutes is: 420.0

>>>