Ex.5

1.Print Name:

Program:

def name (x,y):

z=x+y

print(z)

first=input("first name:")

second=input("second name:")

print(first,second)

output:

first name:velammal

second name:college

velammal college

2.convert hour to minutes:

def conversion(hour):

min=hour\*60

return min

a=int (input("enter time:"))

print(conversion(a))

output:

enter time:8

480

3.Convert kilometer to meter:

Program:

def conversion(kilometer):

meter=kilometer\*1000

return meter

a=int (input("enter kilometer:"))

print(conversion(a))

output:

enter kilometer:89

89000

4.Perimeter of the cylinder

Program:

def perimeter (diameter, height):

return 2\*(diameter+height)

diameter=int(input("enter d="))

height=int(input("enter h="))

print("perimeter of cylinder=",perimeter(diameter,height))

import math

def Vol\_Sa\_Cylinder(radius, height):

sa = 2 \* math.pi \* radius \* (radius + height)

radius=float(input("enter r:"))

height=float(input("enter h:"))

print("\n The Surface area of a Cylinder = %.2f" %sa)

output:

enter d=5

enter h=8

perimeter of cylinder= 26

enter r=6

enter h=4

The Surface are of a cylinder =376.99

5.Sum and reverse of list:

Program:

def sum\_list(lst):

sum = 0

for x in lst:

sum=sum+x

return sum

def (reverse\_list(lst)) :

new\_lst = lst[::-1]

return new\_lst

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

Print(lst)

print(sum\_list(lst))

print(Reverse(lst))

Output:

[1, 2,3,4,5]

15

[5,4,3,2,1]