**Ex-5**

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

**Program:**

def name(x,y):

z=x+y

print(z)

first=input("Enter first name:")

second=input("Enter second name:")

print(first,second)

**Output:**

Enter first name:Sai

Enter second name:pooja

Sai pooja

>>>

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**2)Write a python program to convert time hours into minutes**

**Program:**

def convertion(hour):

minute=hour\*60

return minute

a=int(input("Enter time in hour:"))

print(convertion(a))

**Output:**

Enter time in hour:12

720

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**Group5**

**1)Sum and reverse of a list**

**Program:**

def sum\_list(list):

sum=0

for x in list:

sum=sum+x

return sum

def(reverse\_list(list)):

new\_list=list[::-1]

return new\_list

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

print(list)

print(sum\_list(list))

print(reverse(list))

**Output:**

[1,2,3,4,5]

15

[5,4,3,2,1]

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**3)Print the area and perimeter of cylinder using function**

**Program:**

def perimeter(diameter,height):

return 2\*(diameter+height)

diameter=int(input("Enter the diameter:"))

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

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 the diameter:25

Enter the height:154

perimeter of cylinder= 358

enter r=6

enter h=4

The surface area of a cylinder=376.99

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**2)Define a function to convert km to m**

**Program:**

def convertion(kilometre):

metre=kilometre\*1000

return metre

a=int(input("Enter kilometre:"))

print (convertion(a))

**Output:**

Enter kilometre:54

54000

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