PROGRAMS USING FUNCTION

1)PRINTING FULLNAME:

PROGRAM:

def fullname(fn,ln):

fun=fn+ln

print("The full name is:",fun)

fn=input("Enter 1st name:")

ln=input("Enter last name:")

fullname(fn,ln)

OUTPUT:

============

Enter 1st name:Keerthana

Enter last name:Amirta

The full name is: KeerthanaAmirta

>>>

2)CONVERSION OF TIME(HOURS TO MINUTES)

PROGRAM:

def convert\_time(hrs, min):

min=hrs\*60+min

return min

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

m = int(input("Enter the minutes:"))

m = convert\_time(h,m)

print("Total Minutes=",m)

OUTPUT:

Enter the hours:2

Enter the minutes:58

Total Minutes= 178

>>>

GROUP 6

1)EXPONENT OF THE NUMBER:

PROGRAM:

def power(n, e):

if (e == 0):

return 1

elif (e == 1):

return n

else:

return (n\*power(n, e-1))

n = 5

p = 2

print(power(n, p))

OUTPUT:

=============

25

>>>

2)CONVERSION OF KM TO MILES:

PROGRAM:

def kmm(km):

cr= 0.621371

mm = km \* cr

print ("The value in miles", mm)

km = float (input ("Please enter the value in Kilometre:"))

kmm(km)

OUTPUT:

====

Please enter the value in Kilometre:6

The value in miles 3.7282260000000003

3)CALCULATE THE AREA AND THE PERIMETRE OF CONE:

PROGRAM:

def perimeter(r):

c=2\*3.14\*r

print(" The perimeter is:",c)

def area(r,l):

a=(3.14\*r\*r)+(3.14\*r\*l)

print("The area is:",a)

r=int(input("Enter radius of cone:"))

l=int(input("Enter length of cone:"))

perimeter(r)

area(r,l)

OUTPUT:

Enter radius of cone:4

Enter length of cone:7

The perimeter is: 25.12

The area is: 138.16