**EXP NO : 5) PROGRAMS USING FUNCTION (GROUP 4)**

1. Python program to convert time into minutes

**SOURCE CODE:**

def minutes(hrs,min):

min = hrs\*60+ min

return min

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

mi = int(input("Enter min:"))

m = minutes(h,mi)

print("Total minutes = ",m)

**OUTPUT:**

Enter hours:3

Enter min:45

Total minutes = 225

1. Check the relationship between 2 numbers using function

**SOURCE CODE:**

def relation(a,b):

if a>b:

return "n1 is GREATER than n2"

elif a<b:

return "n1 is SMALLER than n2"

else:

return "n1 is EQUAL TO n2"

n1= int(input("Enter no:"))

n2 = int(input("Enter no:"))

print(relation(n1,n2))

**OUTPUT:**

Enter no:85

Enter no:96

n1 is SMALLER than n2

c) Define a function to find minimum of two numbers

**SOURCE CODE:**

def minimum(a,b):

if a<b:

return a

else:

return b

n1 = int(input("Enter number:"))

n2 = int(input("Enter number:"))

min = minimum(n1,n2)

print("The Minimum of given two numbers is:",min)

**OUTPUT:**

Enter number:81

Enter number:22

The Minimum of given two numbers is: 22

d) Print area and perimeter of square using function

**SOURCE CODE:**

def area(s):

a = s\*\*2

return a

def perimeter(s):

p = 4\*s

return p

side = int(input("Enter side of square:"))

print("The Area of the square:",area(side))

print("Perimeter of the square:",perimeter(side))

**OUTPUT:**

Enter side of square:6

The Area of the square: 36

Perimeter of the square: 24

e) Return the full name of the person using function

**SOURCE CODE:**

def name(a,b):

c = a+b

return c

f = str(input("Enter first name:"))

l = str(input("Enter last name:"))

print("Full name:",name(f,l))

**OUTPUT:**

Enter first name:Sabari

Enter last name:Keertana

Full name: SabariKeertana