1. AREA AND PERIMETER OF SQUARE

PROGRAM:

#Area and perimeter of square

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

def area(a):

area=pow(a,2)

return area

def per(a):

perimeter=4\*a

return perimeter

Area=area(a)

print("AREA=",area(a))

Perimeter=per(a)

print("PERIMETER=",per(a))

OUTPUT:

Enter the side of square:23

AREA= 529

PERIMETER= 92

2.RELATIONSHIP BETWEEN TWO NUMBERS

PROGRAM:

#Relationship between two numbers

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

b=int(input("Enter a number:"))

def cmp(a,b):

if(a>b):

greater=a

return greater

elif(a==b):

print("Equal value")

else:

greater=b

return greater

val=cmp(a,b)

print(val)

OUTPUT:

Enter a number:67

Enter a number:67

Equal value

None

3.RELATIONSHIP BETWEEN TWO NUMBERS IN LESSER

PROGRAM:

#Relation between two numbers in lesser

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

b=int(input("Enter a number:"))

def cmp(a,b):

if(a<b):

lesser=a

return lesser

else:

lesser=b

return lesser

val=cmp(a,b)

print(val)

OUTPUT:

Enter a number:56

Enter a number:88

56

4.CONVERT TIME HOURS INTO MINUTES

PROGRAM:

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

mn = int(input("Enter the minutes now : "))

def calc(h,mn):

hour=h\*60

m=mn

tot=hour+m

return tot

print("The minutes is : ",calc(h,mn))

OUTPUT:

Enter the in hours : 6

Enter the minutes now : 20

The minutes is : 380

5.FULL NAME USING FUNCTIONS

PROGRAM:

def fullname(x,y):

full\_name = x +" " + y

return full\_name

x = input("Enter first name:")

y = input("Enter last name:")

full\_name = fullname(x,y)

print("Your full name is",full\_name)

OUTPUT:

Enter first name:RAJA

Enter last name:SEEMAN

Your full name is RAJA SEEMAN

6. DEFINE A FUNCTION TO FIND THE MIN OF TWO NUMBERS

PROGRAM:

#Minimum of two numbers

a=int(input("Enter the value of a:"))

b=int(input("Enter the value of b:"))

minimum=min(a,b)

print("Minimum number is:",minimum)

OUTPUT:

Enter the value of a:25

Enter the value of b:76

Minimum number is: 25