

RETURN THE FULL NAME OF THE PERSON USING FUNCTION

PROGRAM:

```
def full_name(name1,name2):  
    print("The First Name is : ",name1)  
    print("The Last Name is : ",name2)  
    return name1 + " " + name2
```

OUTPUT:

```
full_name("Sundaresh","Mayandi")
```

The First Name is : Sundaresh

The Last Name is : Mayandi

'Sundaresh Mayandi'

PYTHON PROGRAM TO CONVERT TIME HOURS INTO 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 : 1  
Enter the minutes : 30  
Total Minutes = 90
```

FACTORIAL OF A NUMBER

PROGRAM:

```
def fact(num):  
    if(num==1):  
        return num  
    else:  
        return(num*fact(num-1))  
num = int(input("Enter a Number : "))  
if(num==0):  
    print("0 Factorial is 1")  
elif(num < 0):  
    print("Cannot Be Performed")  
else:  
    print("Factorial of", num, "is", fact(num))
```

OUTPUT:

```
Enter a Number : 0  
0 Factorial is 1  
Enter a Number : -2  
Cannot Be Performed  
Enter a Number : 12  
Factorial of 12 is 479001600
```

LARGEST ELEMENT IN A LIST

PROGRAM:

```
lst = []
n = int(input("Enter number of elements : "))
for i in range(0, n):
    ele = int(input())
    lst.append(ele)
print(lst)
lst.sort()
print("Largest Element is :",lst[-1])
```

OUTPUT:

Enter number of elements : 5

1

2

3

4

5

[1, 2, 3, 4, 5]

Largest Element is : 5

AREA AND PERIMETER OF CIRCLE

PROGRAM:

```
import math

class circle():
    def __init__(self,radius):
        self.radius=radius
    def area(self):
        return math.pi*(self.radius**2)
    def perimeter(self):
        return 2*math.pi*self.radius

r=int(input("Enter radius of circle: "))
obj=circle(r)
print("Area of circle:",round(obj.area(),2))
print("Perimeter of circle:",round(obj.perimeter(),2))
```

OUTPUT:

```
Enter radius of circle: 2
Area of circle: 12.57
Perimeter of circle: 12.57
```