Python record

Programs using functions

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

**Coding:**

def name(fname,lname):

return fname+lname

fname = input("Input your First Name : ")

lname = input("Input your Last Name : ")

print("fullname:",name(fname,lname))

**output:**

Input your First Name : naga

Input your Last Name : mrithula

fullname: nagamrithula

2) write a python program to convert time hours into minutes

**Coding**:

**def conversion(hours):**

**minutes = hours \* 60**

**print("There are " , minutes , " minutes in " , hours , " hours")**

**hours = float(input('Enter the value of hours: '))**

**conversion(hours)**

**output:**

**Enter the value of hours: 2.5**

**There are 150.0 minutes in 2.5 hours**

3) Find the Factorial of a number

**Coding**:

def fact(a):

f=1

if(a==1 or a==0):

return f

else:

return(a\*fact(a-1))

num=int(input("enter a number:"))

if(num>=0):

print("factorial of:",num,"is",fact(num))

else:

print("invalid input")

**output:**

enter a number:2

factorial of: 2 is 2

4) find the Largest element in list

**Coding:**

def maximum(list):

return max(list)

list=[]

n=int(input("enter no. of elements in list:"))

for i in range(0,n):

d=int(input("enter elements:"))

list.append(d)

print(list)

print("largest number is;",maximum(list))

**output:**

enter no. of elements in list:3

enter elements:29

enter elements:15

enter elements:20

[29, 15, 20]

largest number is:29

5) Print the area and Perimeter of Circle using Function

**Coding:**

print("circle")

def cir(r):

print("area:",3.14\*r\*r)

print("perimeter:",2\*3.14\*r)

return

a=int(input("enter radius:"))

cir(a)

**output:**

circle

enter radius:7

area: 153.86

perimeter: 43.96