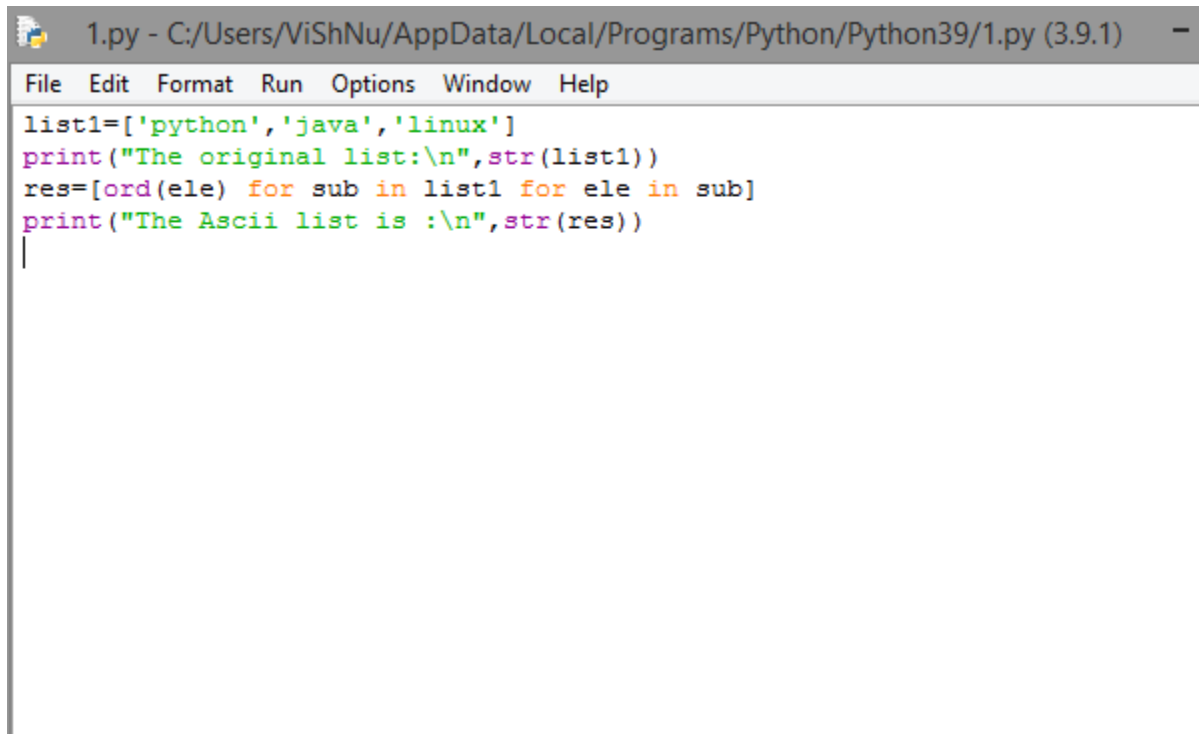


PROGRAM 1

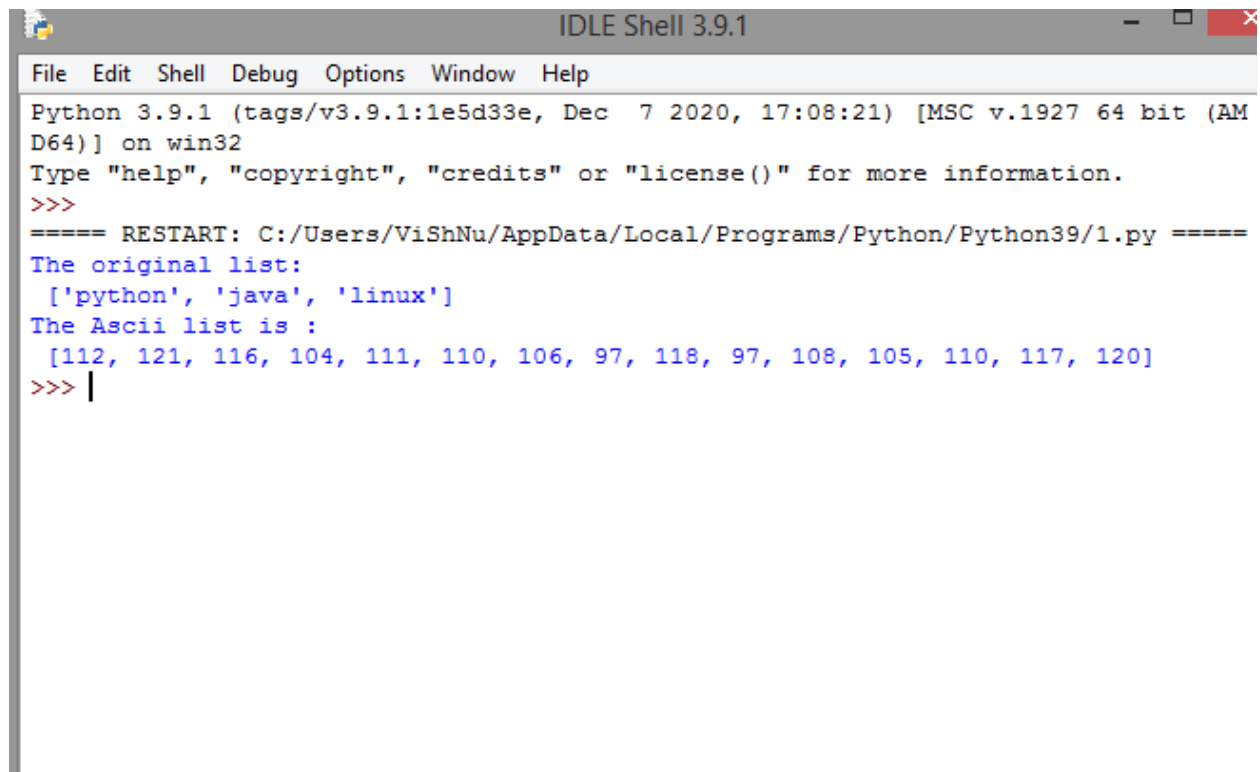
LIST THE ORDINAL VALUES OF EACH ELEMENT

PROGRAM CODE



```
1.py - C:/Users/ViShNu/AppData/Local/Programs/Python/Python39/1.py (3.9.1)
File Edit Format Run Options Window Help
list1=['python','java','linux']
print("The original list:\n",str(list1))
res=[ord(ele) for sub in list1 for ele in sub]
print("The Ascii list is :\n",str(res))
|
```

OUTPUT

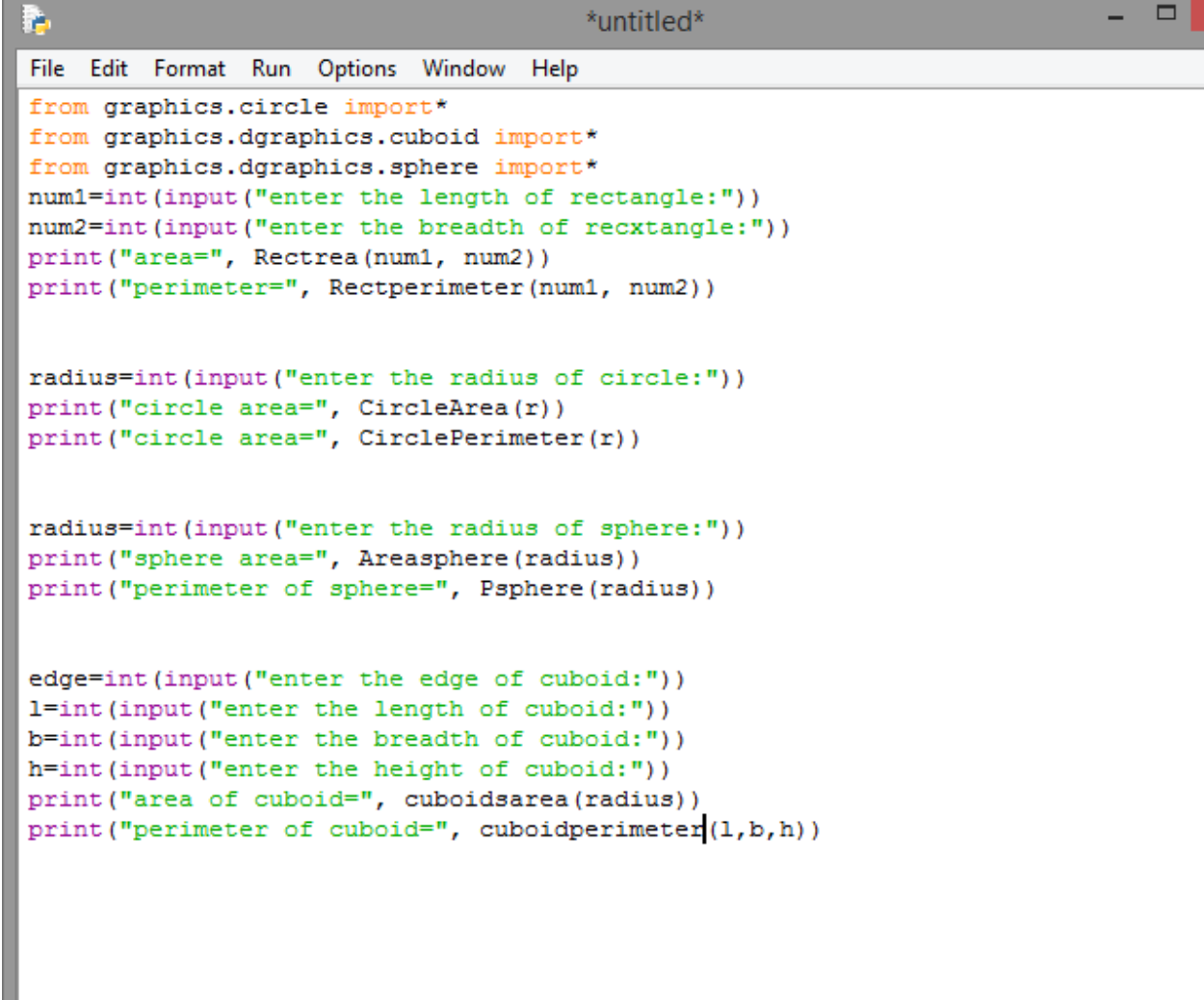


```
Python 3.9.1 (tags/v3.9.1:1e5d33e, Dec 7 2020, 17:08:21) [MSC v.1927 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:/Users/ViShNu/AppData/Local/Programs/Python/Python39/1.py =====
The original list:
['python', 'java', 'linux']
The Ascii list is :
[112, 121, 116, 104, 111, 110, 106, 97, 118, 97, 108, 105, 110, 117, 120]
>>> |
```

PROGRAM 2

CREATE A PACKAGE GRAPHICS WITH MODULE RECTANGLE,CIRCLE AND SUBPACKAGES 3D-GRAPGICS WITH MODULE CUBOID AND SPHERE.INCLUDE METHODSTO FIND AREA AND PERIMERTER OF RES FIG.WRITE PROGRAMS THAT FIND AREA AND PERIMETER OF FIG BY IMPORTING STATEMENTS

PROGRAM CODE



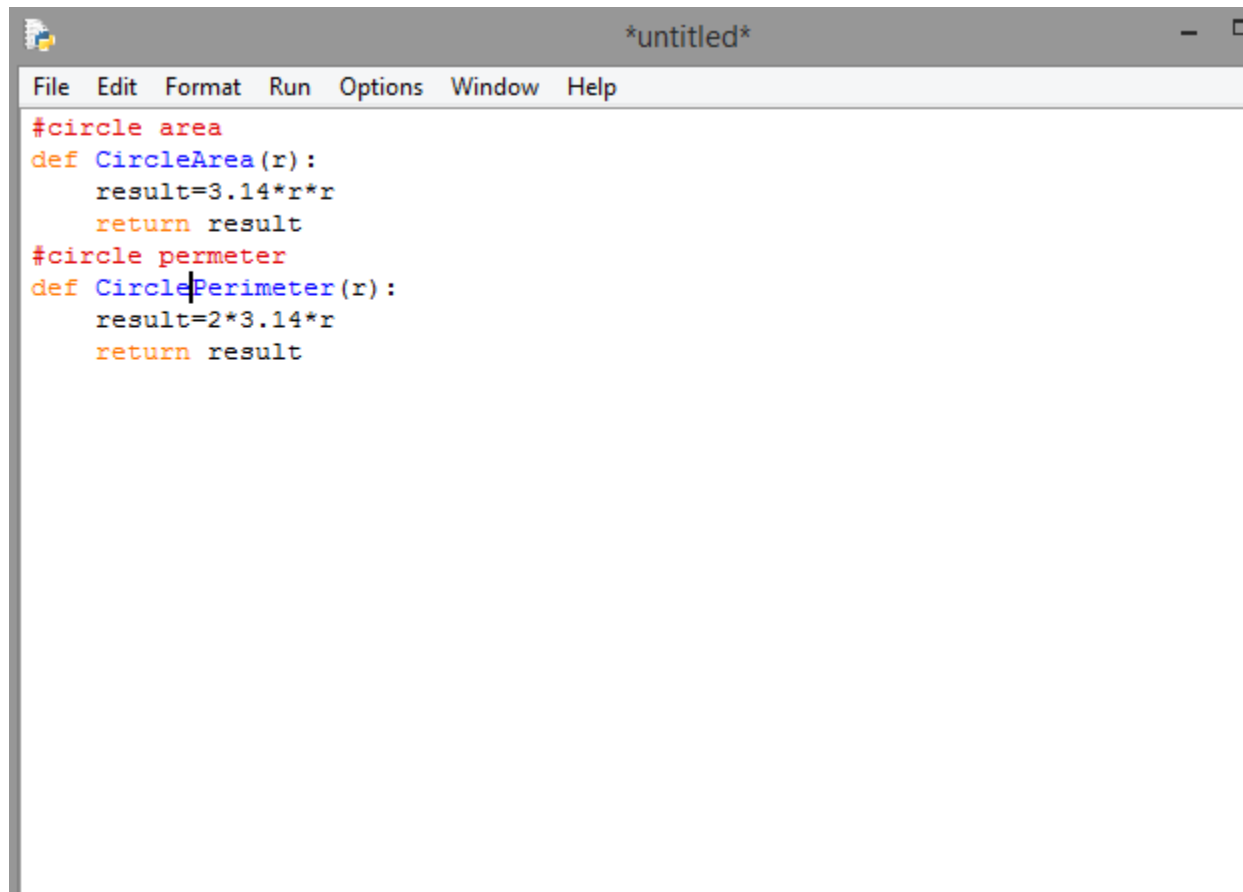
```
File Edit Format Run Options Window Help
from graphics.circle import*
from graphics.dgraphics.cuboid import*
from graphics.dgraphics.sphere import*
num1=int(input("enter the length of rectangle:"))
num2=int(input("enter the breadth of recxtangle:"))
print("area=", Rectrea(num1, num2))
print("perimeter=", Rectperimeter(num1, num2))

radius=int(input("enter the radius of circle:"))
print("circle area=", CircleArea(r))
print("circle area=", CirclePerimeter(r))

radius=int(input("enter the radius of sphere:"))
print("sphere area=", Areasphere(radius))
print("perimeter of sphere=", Psphere(radius))

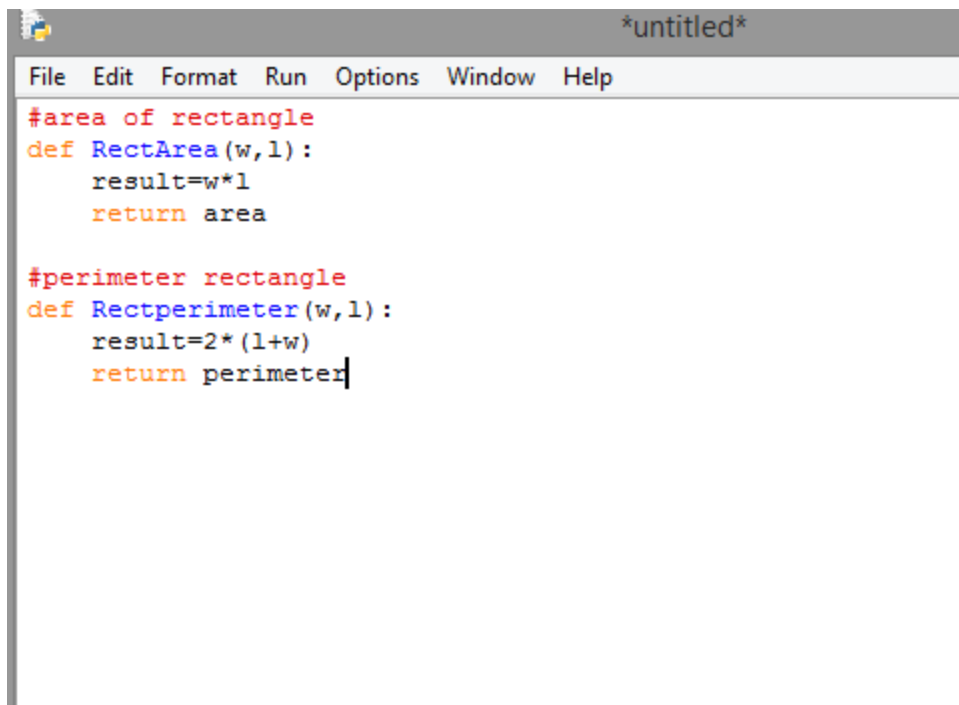
edge=int(input("enter the edge of cuboid:"))
l=int(input("enter the length of cuboid:"))
b=int(input("enter the breadth of cuboid:"))
h=int(input("enter the height of cuboid:"))
print("area of cuboid=", cuboidsarea(radius))
print("perimeter of cuboid=", cuboidperimeter(l,b,h))
```

CIRCLE.PY



```
File Edit Format Run Options Window Help
#circle area
def CircleArea(r):
    result=3.14*r*r
    return result
#circle perimeter
def CirclePerimeter(r):
    result=2*3.14*r
    return result
```

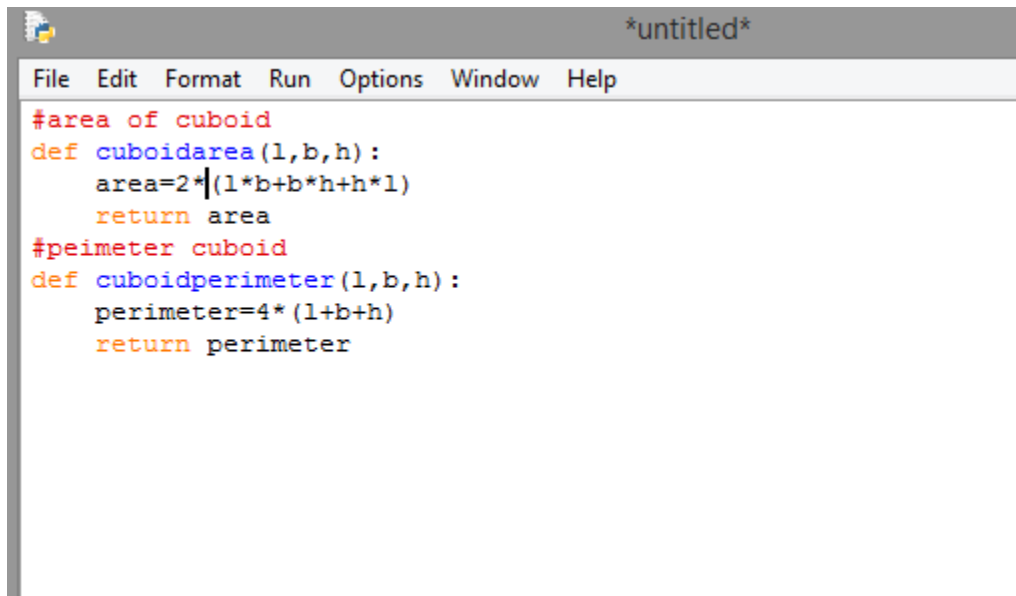
RECTANGLE.PY



```
#area of rectangle
def RectArea(w,l):
    result=w*l
    return area

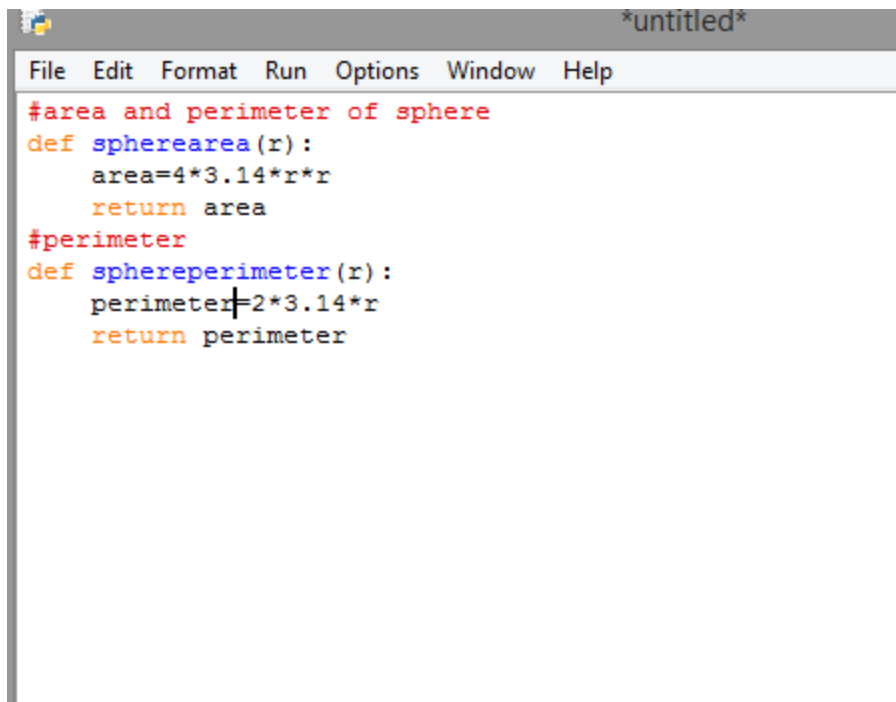
#perimeter rectangle
def Rectperimeter(w,l):
    result=2*(l+w)
    return perimeter
```

CUBOID.PY



```
#area of cuboid
def cuboidarea(l,b,h):
    area=2*(l*b+b*h+h*l)
    return area
#peimeter cuboid
def cuboidperimeter(l,b,h):
    perimeter=4*(l+b+h)
    return perimeter
```

SPHERE.PY



```
*untitled*
File Edit Format Run Options Window Help
#area and perimeter of sphere
def spherearea(r):
    area=4*3.14*r*r
    return area
#perimeter
def sphereperimeter(r):
    perimeter=2*3.14*r
    return perimeter
```

OUTPUT

```
IDLE Shell 3.9.1
File Edit Shell Debug Options Window Help
Python 3.9.1 (tags/v3.9.1:1e5d33e, Dec 7 2020, 17:08:21) [MSC v.1927 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:/Users/ViShNu/Desktop/p/graphicsmain.py =====
enter the length of rectangle:5
enter the breadth of rectangle:2
area= 10
perimeter= 14
enter the radius of circle:6
circle area= 113.03999999999999
circle area= 37.68
enter the radius of sphere:12
sphere area= 1808.6399999999999
perimeter of sphere= 7234.5599999999999
enter the edge of cuboid:3
enter the length of cuboid:10
enter the breadth of cuboid:4
enter the height of cuboid:8
area of cuboid= 864
perimeter of cuboid= 88
>>> |
```