Flot Semister Mch (2020 Schome)
Practical examination June July 2021
20Mch 131 Programming Lab
Regrio:1(E20Mch-2038

Dals: 02-07-201

Time: 1.00 -4-opm

I tel ordinal value of each element of a nord.

El create a padrage graphics with modules rectangle, circle and sub packages 30-graphics with modules cuboid and sphere include methods to find area and perimeter of respective figures in each module. Write programs that birds were and perimeter of bigures by different importing statements.

Ars-ers

SetA

] Kilgorithm

Step1: Start

step 2: List some words

Sep3: Prin the original Us.

step 4: Ordinal elements by such in list I but clement in sub.

steps: Print the ascil list.

step 6: Stop

program code

[due = [Mython! 'Sour! White] = 168 Price ("The engine US alo", str (US))

Test

Test (and (els) for sue in USI for the in sub]

Price ("The Ascu US es: \n", str (res))

Predicted output

The orginal by: ['python', 'Sarb', 'brun']
The Ascii by a [112,121,116,104,111,110,106,97,118,97,109,105,110,117,120]

autput

The orginal list: Epython (Sona), Vanux]

The ASCII U [112, 121, 116, 104, 111, 110, 166, 97, 118, 97, 168, 165, 110, 117, 12]

Step 1: dast

stope Instalze all vocables

Step 3: Import all program fundion from module graphics mains
Package and it subpackages.

step 4: Read the values from keyboard to display area and pointer of various shapes.

deps: call bunctions to mass program for calculations of area, primeter.

Slep b: Stop

Gradien care

graphics circlety

dof indealer(1):

Volum area

del arberineler (1):

return perimeter.

graphes reclarge py.

de redover (1, b):

rehum area.

del redpermeter (1,b);

Perineler = 2 to (1+b)

graphics - I agraphics - Scubad . Py.

curea=2x(1 \$b+6\$h+h\$1)
rehun area

chel cuboid primeter (1, b1b):

primeter=4 * (1+b+b)

return primeter.

Chapties Dographics Septene Py

soun area (1):

def sphere portmeter (x):

Perimeter = 2 # 3.14 EY

Yehun purmeter.

Maphies mais py

From graphics. circle import to
from graphics. circle import to
from graphics. dgraphics. cubaid import to
from graphics. dgraphics. sphere import to
num! = int(input(" enter the length of redargle"))
num2 = int(input(" enter the breadth of redargle"))
print("area = ", Ranca(num!, num2))
print("area = ", Ranca(num!, num2))

radius = in (inpul ("Enler the radius of circle"))

Prin ("Circle area", (irclenrea (* 2001))

Prin ("Circle perimeter", Circle perimeter ("))

radius=int(input ("Enter the rodius of sphere"))

print ("sphere area", sphere sphere area (x).

print ("sphere Burney", rephrede primeter (r))

part ("area of whole", while are (high))

Predicted output

enter the larger: 5

Ella : He width: 5

Rechargle Ava 10.0

Reclarge Primater - 140

Enter the Radio = 6

Unde Area=113.03

Chicle Pointer = 3768

ander the edge of woodd = 3

Erlan the length: 10

enter the width = 4

8 - Aport white

aubold man source by

company bounds - 11.0

Sphere area = 180863 Sphere primely = 7836 output

enter the length = 2

Enler the width = 3

Rechangle Mex 6

Outangle Perinelex=10

enter the radius = 3

Cercle Area = 29.25999

ande pointer=18.84.

contex the longth = 2

enter the isidth = 3

enter the height =4

Cubod Area = 96

cuboid perimeter=36

enter the radius =4

3 phone area = 200.96

Sphere perimeter= 267.9466