**\*\* Write python script using package to calculate area and volume of cube and sphere**

Geometry/cube.py

def cube\_area(side\_length):

return 6 \* (side\_length \*\* 2)

def cube\_volume(side\_length):

return side\_length \*\* 3

**geometry/sphere.py**

python

Copy code

def sphere\_area(radius):

pi = 3.141592653589793

return 4 \* pi \* (radius \*\* 2)

def sphere\_volume(radius):

pi = 3.141592653589793

return (4 / 3) \* pi \* (radius \*\* 3)

**main.py**

python

Copy code

from geometry.cube import cube\_area, cube\_volume

from geometry.sphere import sphere\_area, sphere\_volume

def main():

print("Geometry Calculations")

side\_length = float(input("Enter the side length of the cube: "))

print(f"Cube Surface Area: {cube\_area(side\_length):.2f}")

print(f"Cube Volume: {cube\_volume(side\_length):.2f}")

radius = float(input("Enter the radius of the sphere: "))

print(f"Sphere Surface Area: {sphere\_area(radius):.2f}")

print(f"Sphere Volume: {sphere\_volume(radius):.2f}")

if \_\_name\_\_ == "\_\_main\_\_":

main()