

# Assignment 4 - Exercise 2: Program Output

July 25, 2021 6:40 PM

Shape name: R1  
Origin: X-coordinate: 3.0  
Y-coordinate: 4.0  
Black point  
Width: 6.0  
Length: 5.0

Shape name: C1  
Origin: X-coordinate: 13.0  
Y-coordinate: 14.0  
Green point  
Radius: 15.0

Shape name: R2  
Origin: X-coordinate: 23.0  
Y-coordinate: 24.0  
Black point  
Width: 26.0  
Length: 25.0

Shape name: C2  
Origin: X-coordinate: 33.0  
Y-coordinate: 34.0  
Yellow point  
Radius: 35.0

Shape name: P1  
Origin: X-coordinate: 43.0  
Y-coordinate: 44.0  
White point  
Width: 46.0  
Length: 45.0  
Height: 47.0

Shape name: P2  
Origin: X-coordinate: 53.0  
Y-coordinate: 54.0  
Gray point  
Width: 56.0  
Length: 55.0  
Height: 57.0

Adding Rectangle, Circle, and Prism objects to the list...

Showing information about objects added to the list:

Shape name: C1  
Origin: X-coordinate: 13.0  
Y-coordinate: 14.0  
Green point  
Radius: 15.0

Shape name: C2  
Origin: X-coordinate: 33.0  
Y-coordinate: 34.0  
Yellow point  
Radius: 35.0

Shape name: P1  
Origin: X-coordinate: 43.0  
Y-coordinate: 44.0  
White point  
Width: 46.0  
Length: 45.0  
Height: 47.0

Shape name: P2  
Origin: X-coordinate: 53.0  
Y-coordinate: 54.0  
Gray point  
Width: 56.0  
Length: 55.0  
Height: 57.0

Shape name: R2  
Origin: X-coordinate: 23.0  
Y-coordinate: 24.0  
Black point  
Width: 26.0  
Length: 25.0

Shape name: R1  
Origin: X-coordinate: 3.0  
Y-coordinate: 4.0  
Black point  
Width: 6.0  
Length: 5.0

Showing area, perimeter, and volume of objects in the list:  
The area, perimeter, and volume of C1 are: 706.86, 94.25, 0.00  
The area, perimeter, and volume of C2 are: 3848.45, 219.91, 0.00  
The area, perimeter, and volume of P1 are: 12694.00, 182.00, 97290.00  
The area, perimeter, and volume of P2 are: 18814.00, 222.00, 175560.00  
The area, perimeter, and volume of R2 are: 650.00, 102.00, 0.00  
The area, perimeter, and volume of R1 are: 30.00, 22.00, 0.00