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
```