**Console Output:**

"C:\Program Files\Java\jdk-24\bin\java.exe" "-javaagent:C:\Program Files (x86)\JetBrains\IntelliJ IDEA 2025.1\lib\idea\_rt.jar=50660" -Dfile.encoding=UTF-8 -Dsun.stdout.encoding=UTF-8 -Dsun.stderr.encoding=UTF-8 -classpath C:\Users\yarmu\CS\OOP\Shapes\out\production\Lab\_Task main.Main

Area of circle: 36.316811075498

Area of rectangle: 20.0

Area of sphere: 314.1592653589793

Volume of sphere: 523.5987755982989

Area of cube: 294.0

Volume of cube: 343.0

Circle{radius=3.4}

Rectangle[length=4.0, width=5.0, topLeft=0,0]

Sphere{radius=5.0}

Cube{side=7.0}

Sphere{radius=5.0}

Cube{side=7.0}

Circle{radius=3.4}

Cube{side=7.0}

Sphere{radius=5.0}

Rectangle[length=4.0, width=5.0, topLeft=0,0]

Cube{side=7.0}

Rectangle[length=4.0, width=5.0, topLeft=0,0]

Cube{side=7.0}

Circle{radius=3.4}

Cube{side=7.0}

Rectangle[length=4.0, width=5.0, topLeft=0,0]

Cube{side=7.0}

Rectangle[length=4.0, width=5.0, topLeft=0,0]

Cube{side=7.0}

Circle{radius=3.4}

After increaseRectangleLength

Circle{radius=3.4}

Rectangle[length=9.0, width=5.0, topLeft=0,0]

Sphere{radius=5.0}

Cube{side=7.0}

Sphere{radius=5.0}

Cube{side=7.0}

Circle{radius=3.4}

Cube{side=7.0}

Sphere{radius=5.0}

Rectangle[length=9.0, width=5.0, topLeft=0,0]

Cube{side=7.0}

Rectangle[length=9.0, width=5.0, topLeft=0,0]

Cube{side=7.0}

Circle{radius=3.4}

Cube{side=7.0}

Rectangle[length=9.0, width=5.0, topLeft=0,0]

Cube{side=7.0}

Rectangle[length=9.0, width=5.0, topLeft=0,0]

Cube{side=7.0}

Circle{radius=3.4}

Draw Method of Circle.

Drawing rectangle at 0,0

Draw Method of Sphere.

Draw Method of Cube.

Draw Method of Sphere.

Draw Method of Cube.

Draw Method of Circle.

Draw Method of Cube.

Draw Method of Sphere.

Drawing rectangle at 0,0

Draw Method of Cube.

Drawing rectangle at 0,0

Draw Method of Cube.

Draw Method of Circle.

Draw Method of Cube.

Drawing rectangle at 0,0

Draw Method of Cube.

Drawing rectangle at 0,0

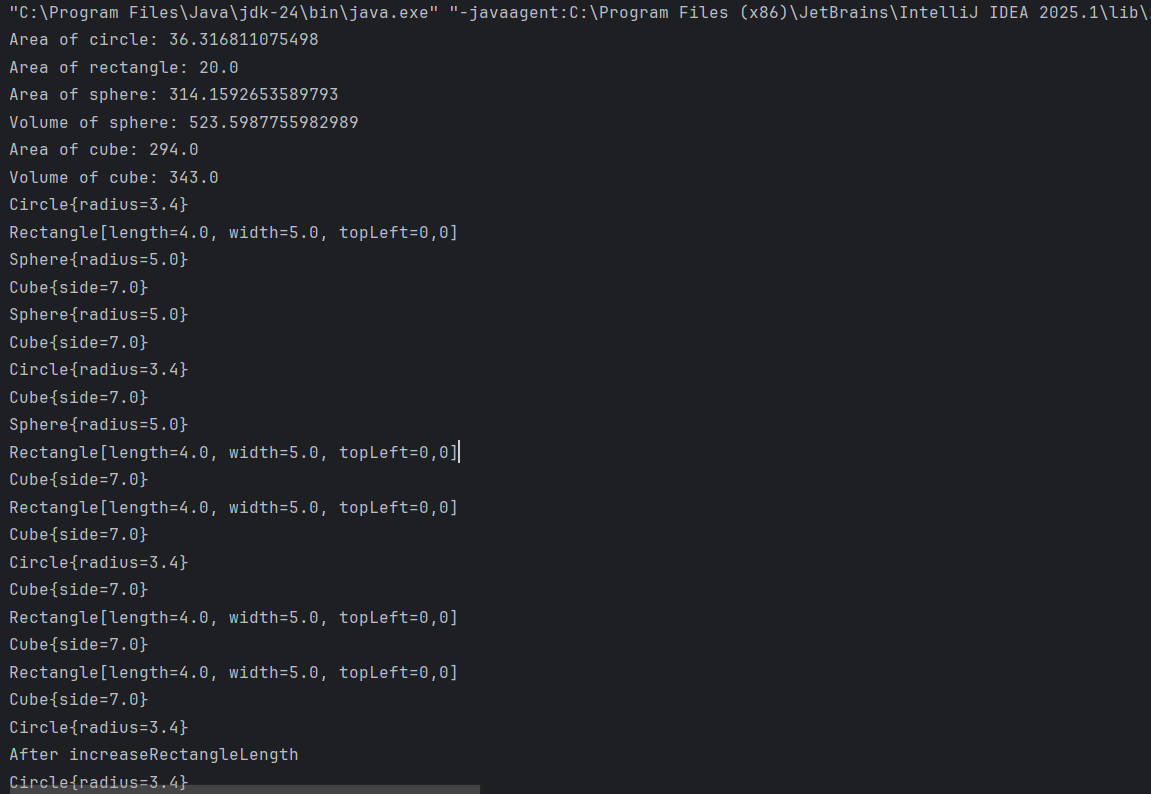
Draw Method of Cube.

Draw Method of Circle.

Intersect

Not intersect

Process finished with exit code 0



A screenshot of a computer program

AI-generated content may be incorrect.