

Name: Michael Jeremy Olea

Exercise 2 Output:

Here are the original values in r1:

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

Here are the original values in c1:

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

Here are the original values in r2:

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

Here are the original values in c2:

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

Here are the original values in p1:

Shape name: P1
Origin: X-coordinate: 43.0
Y-coordinate: 44.0

White point
Width: 46.0
Length: 45.0
Height: 47.0

Here are the original values in p2:

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

Making r1 copy of r2, c1 copy of c2, p1 copy of p2:

Here are values for r1 after trying to make it a copy of r2:

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

Here are values for c1 after trying to make it a copy of c2:

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

Here are values for p1 after trying to make it a copy of p2:

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

Height: 57.0

The input must be greater than or equal to 1.0

Here are values for r1 after calling enlarge(2.0):

Shape name: R2

Origin: X-coordinate: 23.0

Y-coordinate: 24.0

Black point

Width: 52.0

Length: 50.0

Here is the font size for r1.name after calling enlarge(3.0):

30.0

Here are values for c1 after calling shrink (2.0):

Shape name: C2

Origin: X-coordinate: 33.0

Y-coordinate: 34.0

Yellow point

Radius: 17.5

Here are values for p1 after calling enlarge (0.5):

Shape name: P2

Origin: X-coordinate: 53.0

Y-coordinate: 54.0

Gray point

Width: 56.0

Length: 55.0

Height: 57.0

The input must be greater than or equal to 1.0

Here are values for p1 after calling shrink (0.5) -- UNCHANGED:

Shape name: P2

Origin: X-coordinate: 53.0

Y-coordinate: 54.0

Gray point

Width: 56.0

Length: 55.0

Height: 57.0

Exercise 3 Output:

Do you wish to calculate a sum? (y/n)

y

Please input the sequence of integers to sum, terminated by a 0

20

5

a

Invalid input. Please reenter

2

0

The sum is 27

Do you wish to calculate another sum? (y/n)

s

Please answer y or n

y

Please input the sequence of integers to sum, terminated by a 0

870

30

0

The sum is 900

Do you wish to calculate another sum? (y/n)

y

Please input the sequence of integers to sum, terminated by a 0

0

The sum is 0

Do you wish to calculate another sum? (y/n)

n

Goodbye