Exercise 2

```
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

0.5  is too small! Choose a larger number that is greater than or equal to 1.0

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

Shape name: R1
Origin: X-coordinate: 3.0
Y-coordinate: 4.0
Black point
Width: 12.0
Length: 10.0

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: C1
Origin: X-coordinate: 13.0
Y-coordinate: 14.0
Green point
Radius: 7.5

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

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

```
0.5  is too small! Choose a larger number that is greater than or equal to 1.0

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

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

Exercise 3

```
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 value. Please input an integer number
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
```