

calebkrauter@Calebs-MacBook-Air src % javac **/*.java && java controller.ShapeTester

Array list of unsorted shapes.

Next type of shape:

The name of shape: Circle and the area is 0.6283185307179586
The name of shape: Circle and the area is 0.6283185307179586
The name of shape: Circle and the area is 56.548667764616276
The name of shape: Circle and the area is 43.982297150257104
The name of shape: Circle and the area is 34.55751918948772

Next type of shape:

The name of shape: Square and the area is 8.0
The name of shape: Square and the area is 8.0
The name of shape: Square and the area is 38.0
The name of shape: Square and the area is 22.4
The name of shape: Square and the area is 40.0

Next type of shape:

The name of shape: Rectangle and the area is 24.0
The name of shape: Rectangle and the area is 24.0
The name of shape: Rectangle and the area is 18.0
The name of shape: Rectangle and the area is 53.6
The name of shape: Rectangle and the area is 50.0

Next type of shape:

The name of shape: Triangle and the area is 15.0
The name of shape: Triangle and the area is 15.0
The name of shape: Triangle and the area is 6.0
The name of shape: Triangle and the area is 22.25
The name of shape: Triangle and the area is 31.150000000000002

Array list of sorted shapes.

Next type of shape:

The name of shape: Circle and the area is 0.6283185307179586
The name of shape: Circle and the area is 0.6283185307179586
The name of shape: Circle and the area is 34.55751918948772
The name of shape: Circle and the area is 43.982297150257104
The name of shape: Circle and the area is 56.548667764616276

Next type of shape:

The name of shape: Rectangle and the area is 18.0
The name of shape: Rectangle and the area is 24.0
The name of shape: Rectangle and the area is 24.0
The name of shape: Rectangle and the area is 50.0
The name of shape: Rectangle and the area is 53.6

Next type of shape:

The name of shape: Square and the area is 8.0
The name of shape: Square and the area is 8.0
The name of shape: Square and the area is 22.4
The name of shape: Square and the area is 38.0
The name of shape: Square and the area is 40.0

Next type of shape:

The name of shape: Triangle and the area is 6.0
The name of shape: Triangle and the area is 15.0
The name of shape: Triangle and the area is 15.0
The name of shape: Triangle and the area is 22.25
The name of shape: Triangle and the area is 31.150000000000002
calebkrauter@Calebs-MacBook-Air src %