

Object Oriented Programming – Project

- 1- Convert the next UML diagram into java classes. Add extra methods as needed.
- 2- Write a test Driver (main) using command Line arguments to create an array of Drawable with minimum size equal to 2.

Example: DrawableTest 2 circle 22.5 cube 23.6

This will create an array of size equal to 2, where the 1st item is a circle with radius = 22.5, and the 2nd item is a cube with side = 23.6.

Then your program will print the sum of all the Drawable array areas.

- 3- **Bonus** try to add one of the following features.
 - a. Use file for input & output. Input file may contain (2 circle 22.5 cube 23.6)
 - b. Use GUI for input and output.

