Homework09

Class diagram:

Shape {abstract}
description: String
draw() {abstract} getDescription()

Circle
draw()

Rectangle
draw()

ShapeDecorator {abstract}
shape: Shape
getDescription() {abstract}

BorderDecorator

draw() {
 //shape.draw() + border drawing
}
get_description() {
// "Border on " +shape. getDescription()
}

ShadowDecorator

draw() {
 //shape.draw() + shadow drawing
}
get_description() {
//"Shadow on " + shape. getDescription()
}

ColorFillDecorator
color: String

draw() {
//shape.draw() + color fill drawing
}
get_description() {
//"Color Fill (" + color + ") on "
       + shape. getDescription()
}