```
class Circle
    include Comparable
    def initialize(r)
        @radius=r
    end
    def area
        3.14159*@radius*@radius
    end
    def < => (cir)
        if cir.area == self.area then
            0
        else
            1
        end
    end
end
class Shapes
    def initialize(n)
        @shapeArray = []
    end
    def addCircle(cir)
        @)shapeArray << cir
    end
end
c1 = Circle.new(3)
c2 = Circle.new(4)
c3 = Circle.new(3)
if c1 == c2 then
    print "c1 is the same as c2;"
else
    print "c1 is different than c2;"
end
if c1 == c3 then
    print "c1 is the same as c3;"
else
    print "c1 is different than c3;"
end
if c2 == c3 then
    print "c2 is the same as c3;"
else
```

print " c 2 is different than c 3 ;"
end
shape1 = Shapes.new(3)
shape1.addCircle(Circle.new(rand(1)))
shape1.addCircle(Circle.new(rand(2)))
shape1.addCircle(Circle.new(rand(3)))
puts shape1.min()
puts shape1.sort()

