```
class Circle
     include Comparable
     def initialize(r)
          @radius=r
     end
     def area
          3.14159*@radius*@radius
     end
     def \ll (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 "c2 is different than c3;" 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()