

### **Assignment 3: (2 weeks)**

[For plotting any point, use your implemented grid and plotpoint () only.]

#### **Part- I: 1 week**

1. Develop a class for circle using Midpoint circle drawing algorithm. Hence draw the shape in Fig.5.

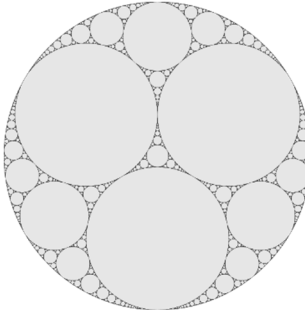


Fig. 5: A shape with circle

#### **Part- II: 1 week**

2. Develop a class for ellipse using Midpoint ellipse drawing algorithm