```java
private void triangle(Graphics g, int x, int y){
  int h = (int)((Math.sqrt(3.0)/2.0) * unit);
  int x1 = x - (unit/2); int y1 = y + h;
  int x2 = x1 + unit; int y2 = y1;
  g.drawLine(x,y,x1,y1);
  g.drawLine(x,y,x2,y2);
  g.drawLine(x2,y2,x1,y1);}
```

```
public void sier(Graphics g, int order, int x, int
    if (order == 1) triangle(g,x,y);
    else if (order > 1)
      {
      int side = exp(2, order - 2) * unit;
      int height = (int)((Math.sqrt(3.0)/2.0) * sid
      int x1 = x - (side/2); int y1 = y + height;
      int x2 = x1 + side; int y2 = y1;
      sier(g,order-1,x,y);
      for(int k = 0; k < 10000; k++);
      sier(g,order-1,x1,y1);
      sier(g,order-1,x2,y2);}
  }
```