```java
import java.awt.Color;
import java.awt.Graphics;
import java.util.Random;
import java.applet.Applet;
public class Stars extends Applet {

 public void paint(Graphics g) {
  Random rand = new Random();
  g.setColor(Color.red);

  int[] xval = new int[10];
  int[] yval = new int[10];

  for(int i = 0; i < 10; i ++) {
   xval[i] = rand.nextInt(1000) + 40;
   yval[i] = rand.nextInt(700) + 40;
  }

  int longer;
  int shorter;

  int xpoints[] = new int[10];
  int ypoints[] = new int[10];

  for(int j = 0; j < 10; j++) {

   longer = rand.nextInt(60) + 10;
   shorter = longer / 2;

   for (int i = 0; i < 10; i++) {

    if (i % 2 == 0) {
     xpoints[i] =xval[j] + (int)(longer * Math.cos(i * Math.PI / 5));
     ypoints[i] =yval[j] + (int)(longer * Math.sin(i * Math.PI / 5));
    } else {
     xpoints[i] = xval[j] + (int) (shorter * Math.cos(i * Math.PI / 5));
     ypoints[i] = yval[j] + (int) (shorter * Math.sin(i * Math.PI / 5));
    }

   }
   g.fillPolygon(xpoints, ypoints, 10);
  }
```

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    }
}
```