

## Class TwistyTurtle

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```
1  import edu.fcps.Turtle;
2  import java.awt.*;
3  import java.lang.*;
4  /**
5   * The OG TwistyTurtle that can draw a spiral that looks like triangles
6   * It extends Turtle, but because of it's shell pattern, it draws spirals
7   * Also implements Runnable because it can run faster than hares in a thr
8   *
9   * @author Nathan Chen
10  * @author Benjamin Tu
11  * @version 10-15-18
12  * @period 2
13  * @teacher Coglianese
14  */
15  public class TwistyTurtle extends Turtle implements Runnable
16  {
17      /**
18       * Method drawShape defines from abstract class Turtle, draws a spira
19       */
20      public void drawShape()
21      {
22          super.setPenDown(true);
23          super.setThickness(8);
24          super.setColor(Color.BLUE);
25          for (int i=5; i<400; i=i+10)
26          {
27              super.forward(i);
28              super.turnLeft(123);
29          }
30      }
31
32      /**
33       * Method run overrides abstract run from Runnable to drawShape in a
34       * thread
35       */
36      public void run()
37      {
38          drawShape();
39      }
39  }
```