

Eclipse IDE workspace showing a Java application named `noapplet` with a class `BalloonAnimation2`.

The `BalloonAnimation2` class is defined as follows:

```
8
9 @SuppressWarnings("serial")
10 public class BalloonAnimation2 extends BalloonAnimation1{
11
12     protected Boolean ControlGrowth = true;
13
14     public BalloonAnimation2() {
15         // TODO Auto-generated constructor stub
16     }
17
18     protected void paintComponent(Graphics g) {
19         // Balloon is as big as screen so next frame should shrink
20         if (diam == dim.width) {
21             ControlGrowth = false;
22         }
23         // Balloon is the smallest therefore next frame should grow
24         } else if (diam <= 0) {
25             ControlGrowth = true;
26         }
27         // Check Boolean to see if balloon should shrink or grow
28         if (ControlGrowth == true) {
29             diam += offset;
30         } else {
31             diam -= offset;
32         }
33
34         // set the pen color and draw the background
35         g.setColor(Color.BLACK);
36         g.fillRect(0, 0, dim.width, dim.height);
37
38         // set the pen color and then draw the text
39         g.setColor(Color.GREEN);
40         g.fillOval(x-diam/2, y-diam/2, diam, diam);
41     }
42
43     public static void main(String[] args) {
44         new BalloonAnimation2().run();
45     }
46 }
```

The application is running in a window titled `BalloonAnimation2`, displaying a large green circle on a black background. The window has `Start` and `Stop` buttons.

The Outline view on the right shows the class hierarchy:

- noapplet.example
  - BalloonAnimation2
    - ControlGrowth: Boolean
    - BalloonAnimation2()
    - paintComponent(Graphics): void
    - main(String[]): void

The Console view at the bottom shows the execution output:

```
BalloonAnimation2 [Java Application] C:\Users\enjoip2\pool\plugins\org.eclipse.justi.openjdk.hotspot.jre.full.win32.x86_64_17.0.6.v20230125-1136\jre\bin\javaw.exe (Feb 5, 2023, 1:43:01 PM) [pid: 18236]
```

The status bar at the bottom indicates the current position is 16:6:350.