```java
 1 /**
 2  * Sunil Sunichura
 3  * 991 578 383
 4  * Assignment 1
 5  * January 14, 2020
 6  */
 7 package content;
 8
 9 import javafx.scene.Scene;
10 import javafx.scene.layout.Pane;
11 import javafx.scene.paint.Color;
12 import javafx.scene.shape.Arc;
13 import javafx.scene.shape.Ellipse;
14 import javafx.scene.shape.Rectangle;
15 import javafx.scene.text.Text;
16 import javafx.stage.Stage;
17
18 public class StageThree extends Stage {
19
20     private Text name = new Text(70, 20, "Sunil Sunichura");
21     private Rectangle rect1 = new Rectangle(30, 30, 10, 180);
22     private Arc arc1 = new Arc(100, 220, 100, 15, 45, 90);
23     private Ellipse ellipse1 = new Ellipse(170, 120, 10, 90);
24     private Pane pane = new Pane(rect1, ellipse1, arc1, name);
25     private Scene scene = new Scene(pane, 300, 300);
26
27     public StageThree() {
28
29         Text name = new Text(150, 0, "Sunil Sunichura");
30         setTitle("Sunil Sunichura");
31         setWidth(300);
32         setHeight(300);
33         setY(100);
34         setX(700);
35         setRectangle();
36         setEllipse();
37         setArc();
38         setScene(scene);
39     }
40
41     private void setRectangle() {
42         rect1.setFill(Color.CADETBLUE);
43         rect1.setStroke(Color.BROWN);
44         rect1.setStrokeWidth(2.3);
45     }
46
47     private void setEllipse() {
48         ellipse1.setFill(Color.BROWN);
49         ellipse1.setStroke(Color.CADETBLUE);
50         ellipse1.setStrokeWidth(2.3);
51     }
```

```
52
53     private void setArc() {
54         arc1.setFill(Color.PURPLE);
55         arc1.setStroke(Color.BLACK);
56         arc1.setStrokeWidth(0.4);
57     }
58
59 }
```

```
       private void setArc() {
           arc1.setFill(Color.PURPLE);
           arc1.setStroke(Color.BLACK);
           arc1.setStrokeWidth(0.4);
```