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        CS415 Fall 2017 Grade Key -- 3L ( Max 100.0)

               jjf1027 -- Jeffrey Fernandes


-rwxrwx--- 1 cs415 cs415grader 3909 Sep  5 10:33 ./Target.java


Due & Late Submission:
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09/05 23:59     Due
09/06 23:59     -50

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```

Your Score: 53.0

(100.0/100.0) File submitted
    (100.0/100.0) Points automatically deducted for style (-20 if file is br
oken and wont compile)

Execution grade: 100.0

Late penalty: 0.0

Style/design penalty: 47.0


```
0:00:05 0:00:30 50kb     1
```

```
****** FILE  Target.java **********
     1  // -------------- imports -----------------------------
     2  import wheelsunh.users.*;
     3  import java.awt.Color;
     4
     5  /**
     6   * Target.java, sample solution to Target
     7   *
     8   *
     9   *
    10   *
    11   *
    12   *
    13   */
    14
    15  public class Target {
    16      //--------------- instance variables ----------------------------
-------------
    17
    18      // --------------------------------------------------------------
-------------
    19
    20      public Target( )
    21      {
    22          // local "constant" variables define location/size of each circl
e
    23          int    target1X  = 0, target1Y = 0;
    24          int    targetSize = 80;
    25
    26          int    target2X   = 200, target2Y = 200;
    27
    28          // <------ Add declarations for variables need for inner circles
 ------>
    29          int    r1Size  = 60;
    30          int    r2Size  = 40;
    31          int    r3Size  = 20;
    32
    33          int    r1Offset=10;
    34          int    r2Offset = 20;
    35          int    r3Offset = 30;
    36
    37          // local variables to reference the Wheels objects used to draw
target.
    38      Ellipse    target;
    39          Ellipse    circle;
    40          // <------- Add declarations for Wheels variables for inner circ
les --->
    41          Ellipse    r1;
    42  Ellipse    r2;
    43          Ellipse    r3;
    44
    45          // create first target using absolute coordinates
    46          // create the target circle
    47  circle = new Ellipse( 300, 0 );
    48          circle.setSize( 80, 80 );
    49          circle.setColor( Color.BLUE );
    50
    51          Ellipse circle2 = new Ellipse(320,20);
    52          circle2.setSize( 40, 40 );
    53          circle2.setColor( Color.YELLOW );
    54
    55
    56
    57          target = new Ellipse( target1X, target1Y );
    58          target.setSize( targetSize, targetSize );
    59          target.setColor( Color.RED );
    60
    61          r1 = new Ellipse( target1X + r1Offset, target1Y + r1Offset );
    62          r1.setSize( r1Size, r1Size );
```

```
 63            r1.setColor( Color.BLUE );
 64
 65            r2 = new Ellipse( target1X + r2Offset, target1Y + r2Offset );
 66            r2.setSize( r2Size, r2Size );
 67            r2.setColor( Color.YELLOW );
 68
 69            /***/
 70            r3 = new Ellipse( target1X + r3Offset, target1Y + r3Offset  );
 71            r3.setSize( r3Size, r3Size );
 72            r3.setColor( Color.GREEN );
 73            r3.setColor( r3.getColor() );
 74            /****/
 75
 76            // create second target using relative coordinates
 77            target = new Ellipse( target2X, target2Y );
 78            target.setSize( targetSize, targetSize );
 79            target.setColor( Color.RED );
 80
 81    r1 = new Ellipse( target2X + r1Offset, target2Y + r1Offset );
 82            r1.setSize( r1Size, r1Size );
 83    r1.setColor( Color.BLUE );
 84
 85    r2 = new Ellipse( target2X + r2Offset, target2Y + r2Offset  );
 86            r2.setSize( r2Size, r2Size );
 87            r2.setColor( Color.YELLOW );
 88
 89            /****/
 90            r3 = new Ellipse( target2X + r3Offset, target2Y + r3Offset );
 91            r3.setSize( r3Size, r3Size );
 92            r3.setColor( Color.GREEN );
 93            /****/
 94
 95            // create third target using relative coordinates
 96            target2X = 400;
 97            target2Y = 100;
 98            target = new Ellipse( target2X, target2Y );
 99            target.setSize( targetSize, targetSize );
100            target.setColor( Color.RED );
101
102            r1 = new Ellipse( target2X + r1Offset, target2Y + r1Offset );
103            r1.setSize( r1Size, r1Size );
104            r1.setColor( Color.BLUE );
105
106    r2 = new Ellipse( target2X + r2Offset, target2Y + r2Offset  );
107            r2.setSize( r2Size, r2Size );
108            r2.setColor( Color.YELLOW );
109
110            /****/
111    r3 = new Ellipse( target2X + r3Offset, target2Y + r3Offset );
112            r3.setSize( r3Size, r3Size );
113            r3.setColor( Color.GREEN );
114
115        }
116
117        // -----------------------------------------------------------------
118        /** main program just invokes the class constructor.
119         *
120         *
121         */
122        public static void main( String[] args )
123    {
124            new Frame();
125    Target app = new Target();
126        }
127    } //End of Class Target
```

```
************ STYLE CHECK REPORT ********
Starting audit...
/Target.java:5: First sentence should end with a period.
/Target.java:15: Type Javadoc comment is missing an @author tag.
/Target.java:15:21: '{' should be on a new line.
/Target.java:16: Line is longer than 80 characters (found 86).
/Target.java:18: Line is longer than 80 characters (found 86).
/Target.java:20:5: Missing a Javadoc comment.
/Target.java:33:24: '=' is not preceded with whitespace.
/Target.java:33:25: '=' is not followed by whitespace.
/Target.java:38: ctor def child at indentation level 3 not at correct indentatio
n, 8
/Target.java:42: ctor def child at indentation level 0 not at correct indentatio
n, 8
/Target.java:47: ctor def child at indentation level 0 not at correct indentatio
n, 8
/Target.java:51:39: '(' is not followed by whitespace.
/Target.java:51:43: ',' is not followed by whitespace.
/Target.java:51:45: ')' is not preceded with whitespace.
/Target.java:81: ctor def child at indentation level 0 not at correct indentatio
n, 8
/Target.java:83: ctor def child at indentation level 0 not at correct indentatio
n, 8
/Target.java:83: method call child at indentation level 0 not at correct indenta
tion, 8
/Target.java:85: ctor def child at indentation level 0 not at correct indentatio
n, 8
/Target.java:106: ctor def child at indentation level 0 not at correct indentati
on, 8
/Target.java:111: ctor def child at indentation level 0 not at correct indentati
on, 8
/Target.java:122:39: Expected @param tag for 'args'.
/Target.java:123: method def lcurly at indentation level 0 not at correct indent
ation, 4
/Target.java:125: method def child at indentation level 0 not at correct indenta
tion, 8
Audit done.
```