257 / 757 **Programming in the Arts with Processing** **In Class Exercise #21**	**Day:** **Due:** **Goal:**	**Tue 4.15.14** **In Class** **Exam 3 Prep**

Assignment:

Write code to match what you see on the screen.
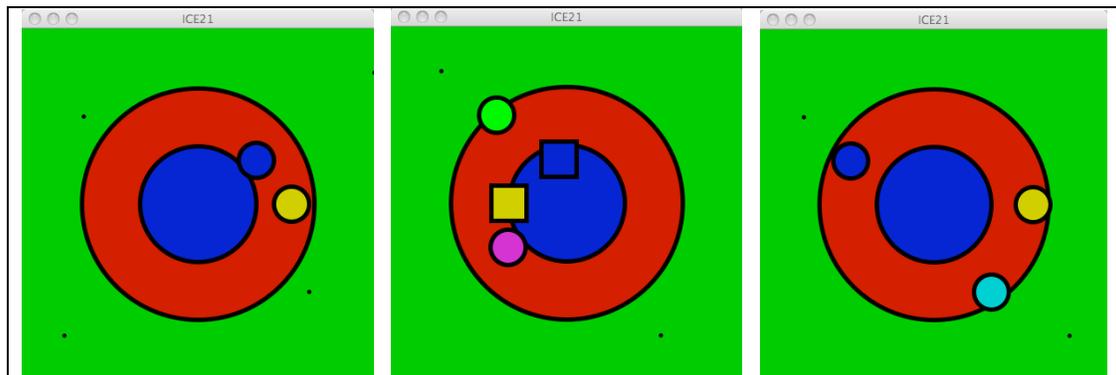
Details:

- The blue circle is 1/3 the width of the window.
- The red circle is 2/3 the width of the widow.
- There are six bouncing figures.
- When the figure is outside the circles, it is drawn as a point.
- When the figure is mainly within the red circle but not the blue circle, it is drawn as a circle.
- When the figure is mainly within the blue circle, it is drawn as a square.
- The six figures move in a bouncing motion
- The six figures have different speeds of movement
- When the six figures are drawn as circles or rectangles, they have the same size.
- There is no user input of any form.