257 / 757 **Programming in the Arts with Processing** **In Class Exercise #5**	**Day:** **Due:** **Goal:**	**Thur 1.30.14** **In Class** **Control**

Course Web Site:
> http://www.andrew.cmu.edu/course/60-257/

Reading:
  Posted on the calendar web page available from the link shown above.

Assignment:
1. Use the code below as your starting point.
2. The definitions of the functions: **prepwindw()**, **moveEllips()**, and **drawEllipse()** are missing – define them so the ellipse bounces from left to right to left to …

Starting Code:
```
float x, y, dx, wd, ht;
color bgColor, ellipseColor;

void setup( )
{
    size( 400, 400 );
    background( 0 );
    x = 0;
    y = height/2;
    wd = 39;
    ht = 29;
    dx = 1;

    bgColor = color( 0, 10 );
    ellipseColor = color(255, 0, 0 );
    noStroke ( );
}

void draw( )
{
   prepareWindow( );
   moveEllipse( );
   drawEllipse( );
}
```
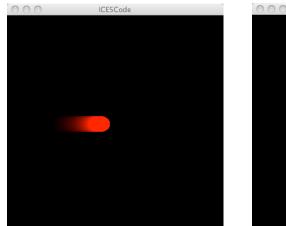
Grading:
  Put it in your portfolio and show it and the code to one of us today before you leave.

Expected Result:
  Are on the next page: