

 parametric equations (#3, #4) – utilize the patterns from class 	
- "should be local"	
"A to limit scopo"	
- use map to scale noise	
<pre>// "smooth" random position // (example of computing the position directly instead of updating, using Perlin noise)</pre>	
<pre>float t; // perlin noise parameter for "{} to limit scope" - put the declaration,</pre>	
size(800, 400); size(800, 400); size(800, 400);	
<pre>t = 0; // initial value is arbitrary "should be local" - declare x, y variables where } they are to be used instead of at the top with the animation variables</pre>	
Vold graw () { times () { ellipsekdode/ENTER); "use map to scale noise" - a more convenient way to adjust noise values to what you need	
flat x = man(maise(t) = 1 15 width=15); // matition of circle	
// (map is used to scale a noise value between 0 and 1 to a coordinate value	
<pre>// between 15 and width-15 so the circle will appear within the full size of the // window without sticking past an edge)</pre>	
fill(200, 0, 0);	
<pre> Vellipse(x, height/2, 30, 30); // draw circle } </pre>	
<pre>t = t+.005; // update the noise parameter - smaller values mean smoother changes</pre>	-
}	35

