

Art 311 Lab 02 Sept 22-26

1. Use a **while** loop to draw 10 circles with diameter 10, beginning at (20,20) and increasing x by 15 pixels each iteration. Fill with 128.
2. Use a **while** loop to draw 10 circles with diameter 10, beginning at (20,50) and increasing x by 15 pixels each iteration. The first circle has color (200, 100, 100) and each successive circle increases the green component by 10 and the blue component by 15.
3. Repeat question 2 using a FOR statement. Draw 10 circles with diameter 10, beginning at (20,100) and increasing x by 15 pixels each iteration. The first circle has color (200, 100, 100) and each successive circle increases the green component by 10 and the blue component by 15.
4. Starting at pixel (20, 150), draw pixels (circle of diameter 1) at consecutive X locations, each circle changing its color by 1 in each of the RGB components beginning with (0,0,0).
5. Draw a white circle at (300,300) of size 256. Reduce the size of the circle until it becomes 0 drawing it at the same location and changing the green value by -1 at each step.
6. Set the pixels between x=100 to 200 and y=200 to 300 to green using **point**.
7. Make a piece of note paper. It has light blue horizontal lines 25 pixels apart, and one red vertical line 50 pixels from the left side. Save as a file called 'note.png'.



