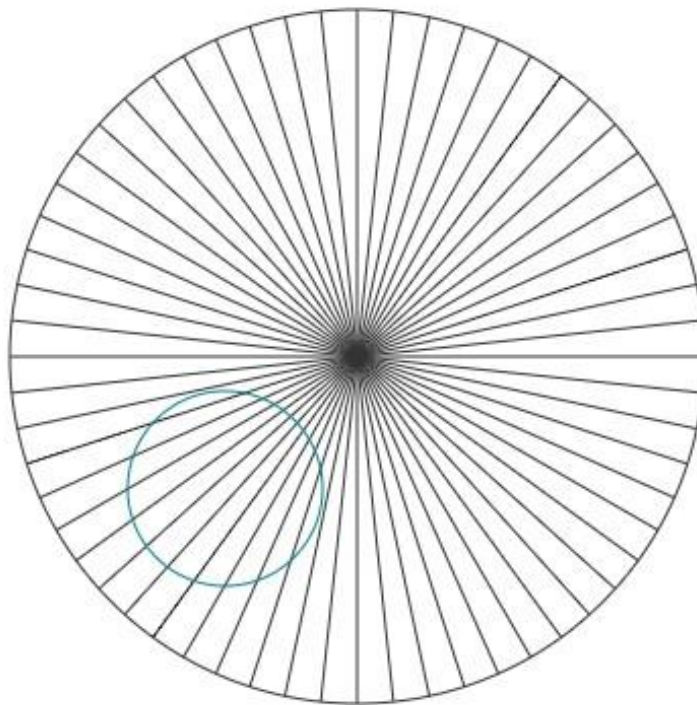


Computer Programming Canvas #10 – Is it a circle?

Objective: Use the HTML5 canvas object and Javascript to create the circle illusion.

1. In your *Computer Programming* folder, create a folder titled *first_last_canvas_10*. Open your *template.html* file and save it in your *first_last_canvas_10* folder as *circle_illusion.html*.
2. Edit the *circle_illusion.html* file
 - a) Change *CHANGE ME* to *First Last - Canvas 10*
 - b) Change the width and height of the canvas to make a rectangle. You choose the side lengths.
 - c) You must use loops to draw the following illusion. This illusion consists of large circle, with the **diameter** drawn 30 times. A small circle is drawn so that it looks distorted. The larger circle must be centered in the canvas. You need to use the context methods *save*, *translate*, *rotate*, and *restore* appropriately.



3. Zip your *first_last_canvas_10* folder. Turn in your *first_last_canvas_10.zip* file.