

```

require 'green_shoes'

Shoes.app height: 768, width: 1024, title: '      Roseland Revisited' do
  background white
  @center_y = height / 2 - 30
  @center_x = width / 2
  @radius = @center_x / @center_y * @center_x

  ar = width / height

  g = 965

  (0..Math::PI * 2).step(0.000175) do |i|
    r = 352 * Math.sin(g * i)
    x = (r * Math.cos(i)) + @center_x
    y = (r * Math.sin(i)) * ar + @center_y
    stroke tan
    4.times do
      line x.to_i.abs, y.to_i.abs, x + 3, y + i
    end
  end
end

# this won't run out side of green_shoes but is here to use otherwise.
# replace delete the four lines after y = in the block above with
# point x.to_i.abs, y.to_i.abs, tan, 3

def point(x, y, color, size)
  stroke color
  (0..size).each do |i|
    line x.to_i.abs, y.to_i.abs, x + size, y + i
  end
end

```