# Code for Original Nightingale’s visualization

void setup() {

  size(600, 600);

}

void draw() {

  background(100);

  fill(100, 149, 237);

  arc(300, 300, 4.85, 4.85, radians(180), radians(210));

  fill(0, 0, 0);

  arc(300, 300, 10.92, 10.92, radians(180), radians(210));

  fill(100, 149, 237);

  arc(300, 300, 16.92, 16.92, radians(210), radians(240));

  fill(0, 0, 0);

  arc(300, 300, 14.65, 14.65, radians(210), radians(240));

  fill(100, 149, 237);

  arc(300, 300, 16.2, 16.2, radians(240), radians(270));

  fill(0, 0, 0);

  arc(300, 300, 11.95, 11.95, radians(240), radians(270));

  fill(100, 149, 237);

  arc(300, 300, 92.6, 92.6, radians(270), radians(300));

  fill(0, 0, 0);

  arc(300, 300, 23.42, 23.42, radians(270), radians(300));

  fill(100, 149, 237);

  arc(300, 300, 140.62, 140.62, radians(300), radians(330));

  fill(205, 92, 92);

  arc(300, 300, 4.87, 4.87, radians(300), radians(330));

  fill(0, 0, 0);

  arc(300, 300, 26.75, 26.75, radians(300), radians(330));

  fill(100, 149, 237);

  arc(300, 300, 137.17, 137.17, radians(330), radians(360));

  fill(0, 0, 0);

  arc(300, 300, 40.87, 40.87, radians(330), radians(360));

  fill(205, 92, 92);

  arc(300, 300, 43.97, 43.97, radians(330), radians(360));

  fill(100, 149, 237);

  arc(300, 300, 109.6, 109.6, radians(0), radians(30));

  fill(0, 0, 0);

  arc(300, 300, 55.27, 55.27, radians(0), radians(30));

  fill(205, 92, 92);

  arc(300, 300, 56.15, 56.15, radians(0), radians(30));

  fill(100, 149, 237);

  arc(300, 300, 141.97, 141.97, radians(30), radians(60));

  stroke(0, 0, 0);

  arc(300, 300, 50.30, 50.30, radians(30), radians(60));

  fill(205, 92, 92);

  arc(300, 300, 82.77, 82.77, radians(30), radians(60));

  fill(100, 149, 237);

  arc(300, 300, 202.97, 202.97, radians(60), radians(90));

  fill(0, 0, 0);

  arc(300, 300, 55.92, 55.92, radians(60), radians(90));

  fill(205, 92, 92);

  arc(300, 300, 52.17, 52.17, radians(60), radians(90));

  fill(100, 149, 237);

  arc(300, 300, 256.8, 256.8, radians(90), radians(120));

  fill(0, 0, 0);

  arc(300, 300, 87.95, 87.95, radians(90), radians(120));

  fill(205, 92, 92);

  arc(300, 300, 44.52, 44.52, radians(90), radians(120));

  fill(100, 149, 237);

  arc(300, 300, 225.0, 225.0, radians(120), radians(150));

  fill(0, 0, 0);

  arc(300, 300, 92.85, 92.85, radians(120), radians(150));

  fill(205, 92, 92);

  arc(300, 300, 31.65, 31.65, radians(120), radians(150));

  fill(100, 149, 237);

  arc(300, 300, 169.6, 169.6, radians(150), radians(180));

  fill(0, 0, 0);

  arc(300, 300, 64.07, 64.07, radians(150), radians(180));

  fill(205, 92, 92);

  arc(300, 300, 27.62, 27.62, radians(150), radians(180));

}

# Code for transformed version of Nightingale’s visualization

void setup() {

size(1100, 1100);

}

void draw() {

background(100);

fill(100, 149, 237);

arc(200, 200, 14.55, 14.55, radians(180+30), radians(210+30));

fill(0, 0, 0);

arc(400, 400, 32.76, 32.76, radians(180+30), radians(210+30));

fill(100, 149, 237);

arc(400, 400, 50.76, 50.76, radians(210+30), radians(240+30));

fill(0, 0, 0);

arc(400, 400, 43.95, 43.95, radians(210+30), radians(240+30));

fill(100, 149, 237);

arc(400, 400, 48.6, 48.6, radians(240+30), radians(270+30));

fill(0, 0, 0);

arc(400, 400, 35.85, 35.85, radians(240+30), radians(270+30));

fill(100, 149, 237);

arc(400, 400, 277.80, 277.80, radians(270+30), radians(300+30));

fill(0, 0, 0);

arc(400, 400, 70.26, 70.26, radians(270+30), radians(300+30));

fill(100, 149, 237);

arc(400, 400, 421.86, 421.86, radians(300+30), radians(330+30));

fill(205, 92, 92);

arc(400, 400, 14.61, 14.61, radians(300+30), radians(330+30));

fill(0, 0, 0);

arc(400, 400, 80.25, 80.25, radians(300+30), radians(330+30));

fill(100, 149, 237);

arc(400, 400, 411.51, 411.51, radians(330+30), radians(360+30));

fill(0, 0, 0);

arc(400, 400, 122.61, 122.61, radians(330+30), radians(360+30));

fill(205, 92, 92);

arc(400, 400, 131.91, 131.91, radians(330+30), radians(360+30));

fill(100, 149, 237);

arc(400, 400, 328.80, 328.80, radians(0+30), radians(30+30));

fill(0, 0, 0);

arc(400, 400, 165.81, 165.81, radians(0+30), radians(30+30));

fill(205, 92, 92);

arc(400, 400, 168.45, 168.45, radians(0+30), radians(30+30));

fill(100, 149, 237);

arc(400, 400, 425.91, 425.91, radians(30+30), radians(60+30));

stroke(0, 0, 0);

arc(400, 400, 150.90, 150.90, radians(30+30), radians(60+30));

fill(205, 92, 92);

arc(400, 400, 248.31, 248.31, radians(30+30), radians(60+30));

fill(100, 149, 237);

arc(400, 400, 608.91, 608.91, radians(60+30), radians(90+30));

fill(0, 0, 0);

arc(400, 400, 167.76, 167.76, radians(60+30), radians(90+30));

fill(205, 92, 92);

arc(400, 400, 156.51, 156.51, radians(60+30), radians(90+30));

fill(100, 149, 237);

arc(400, 400, 770.40, 770.40, radians(90+30), radians(120+30));

fill(0, 0, 0);

arc(400, 400, 263.85, 263.85, radians(90+30), radians(120+30));

fill(205, 92, 92);

arc(400, 400, 133.56, 133.56, radians(90+30), radians(120+30));

fill(100, 149, 237);

arc(400, 400, 675.0, 675.0, radians(120+30), radians(150+30));

fill(0, 0, 0);

arc(400, 400, 278.55, 278.55, radians(120+30), radians(150+30));

fill(205, 92, 92);

arc(400, 400, 94.95, 94.95, radians(120+30), radians(150+30));

fill(100, 149, 237);

arc(400, 400, 508.80, 508.80, radians(150+30), radians(180+30));

fill(0, 0, 0);

arc(400, 400, 192.21, 192.21, radians(150+30), radians(180+30));

fill(205, 92, 92);

arc(400, 400, 82.86, 82.86, radians(150+30), radians(180+30));

}