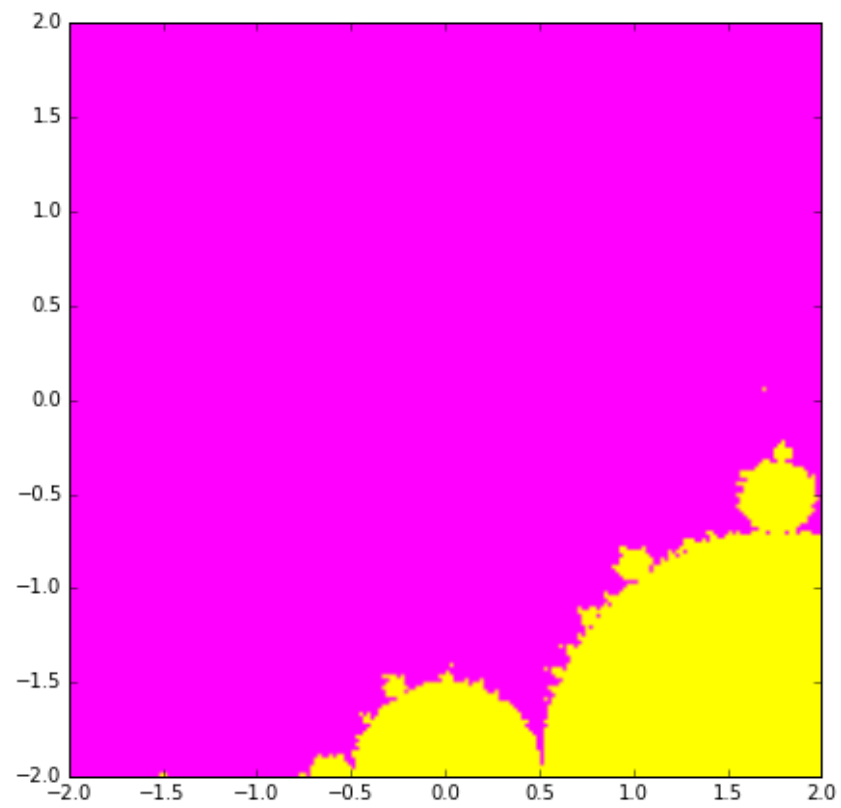Figure 1: The Mandelbrot set

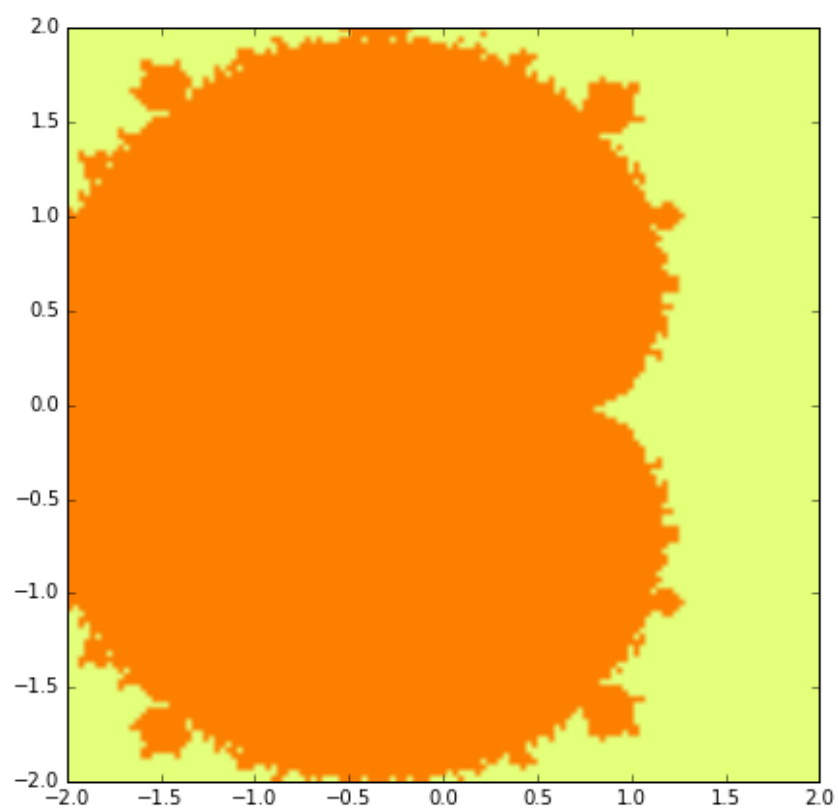Figure 2: A zoom-in of the Mandelbrot set

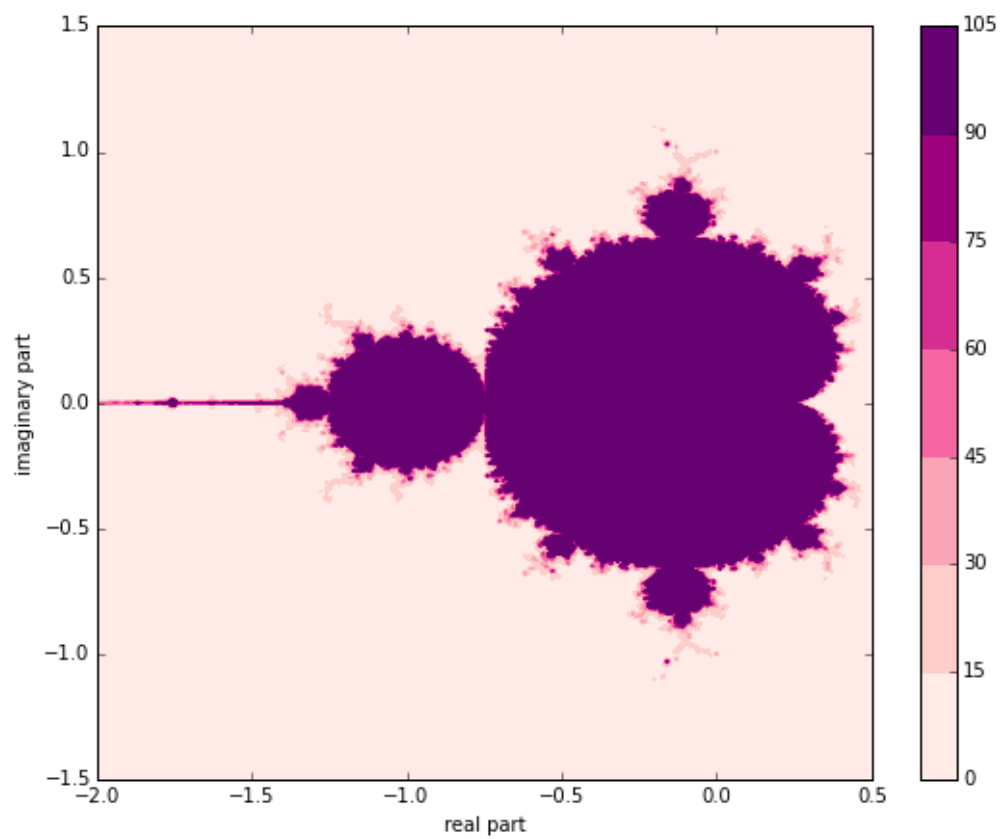Figure 3: Another zoom-in of the Mandelbrot set

Figure 4: The Mandelbrot set with the divergence points coloured. Colour represents the modulus at which it diverged
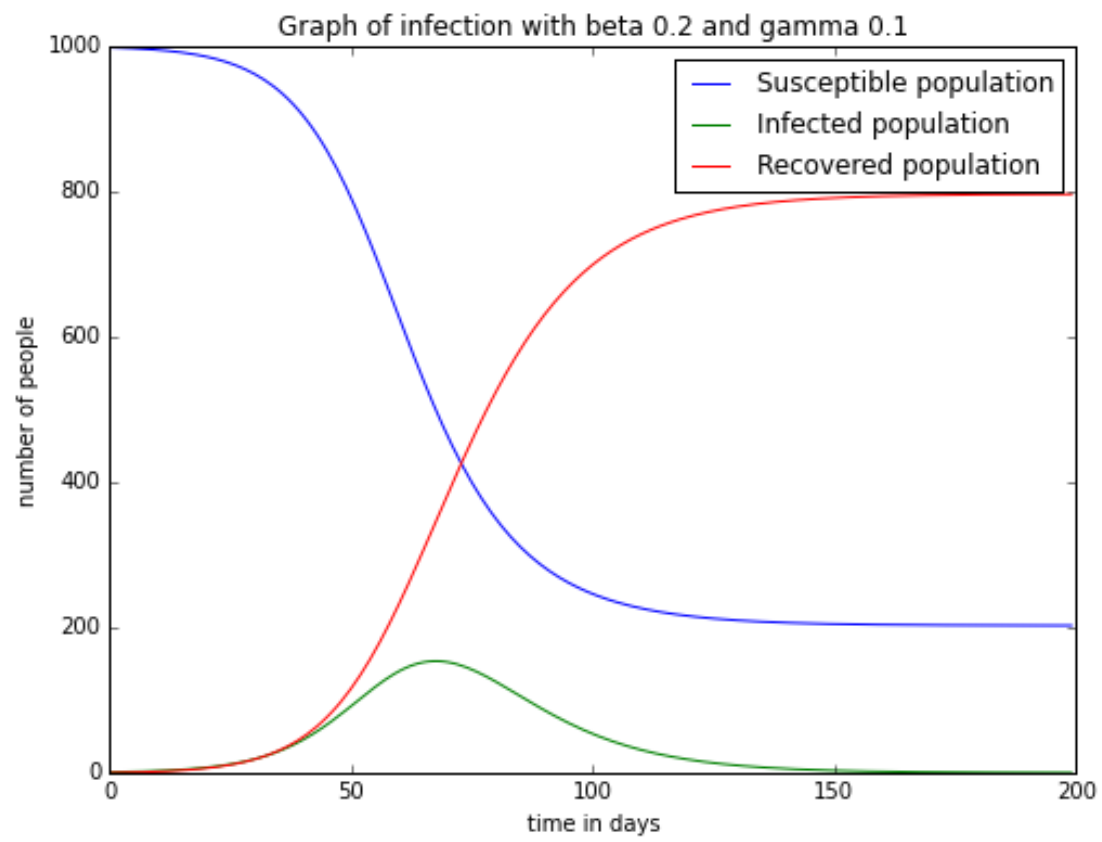
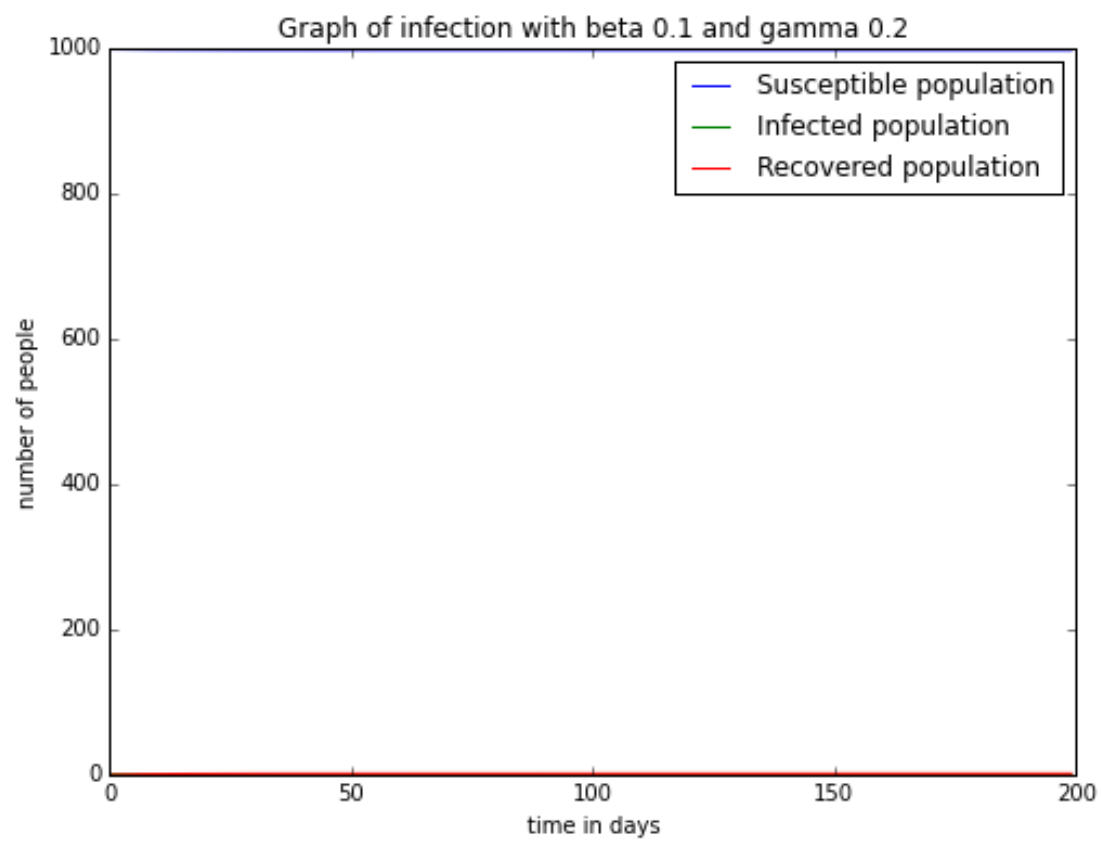Figure 5: contact rate greater than the recovery rate
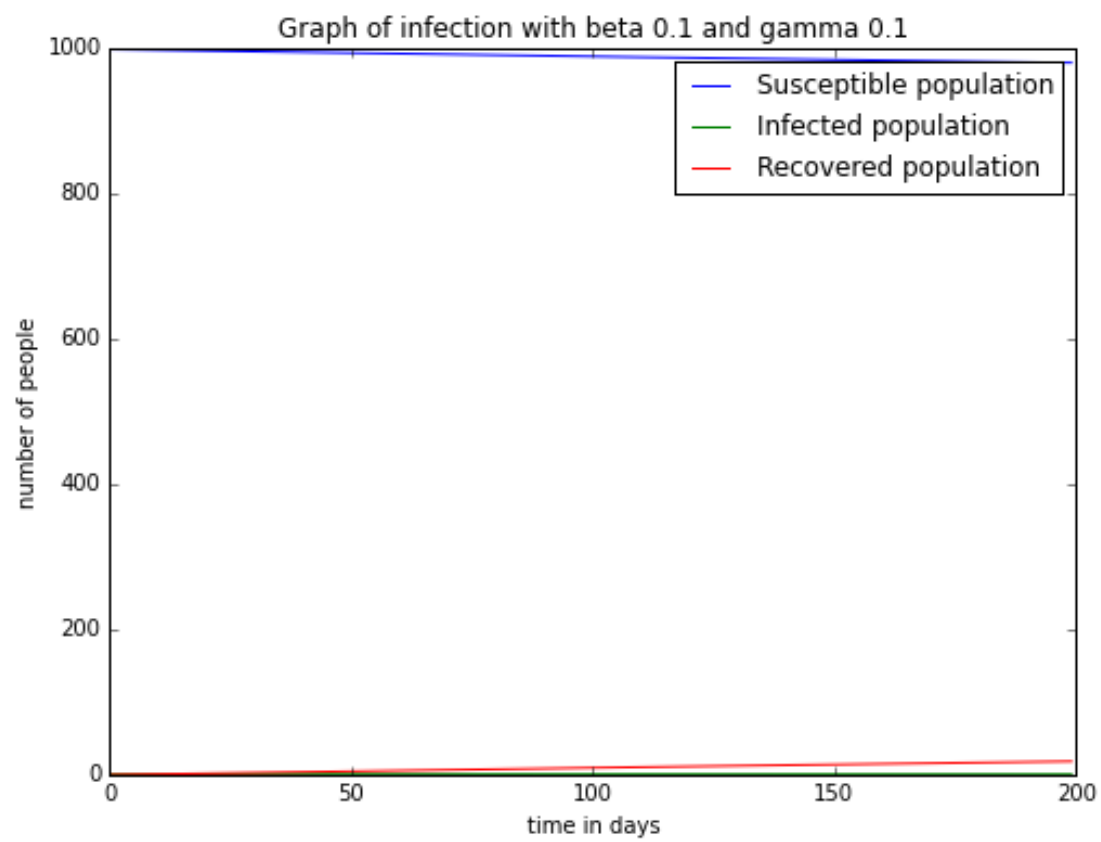
Figure 6: contact rate less than the recovery rate

Figure 7: contact rate equals recovery rate