**HOMEWORK 2 (Due Sep. 19)**

Write a C# program to do the Mandelbrot set.

**HOMEWORK 3 (Due Sep. 26)**

Write a C# program with a text box. When you click the mouse in a location of the Mandelbrot set, your program first draws a square with center the point you clicked, and side equal to what you specified in the text box, then it draws the square area you specified in the whole screen. You can repeat this process in the new drawn image.