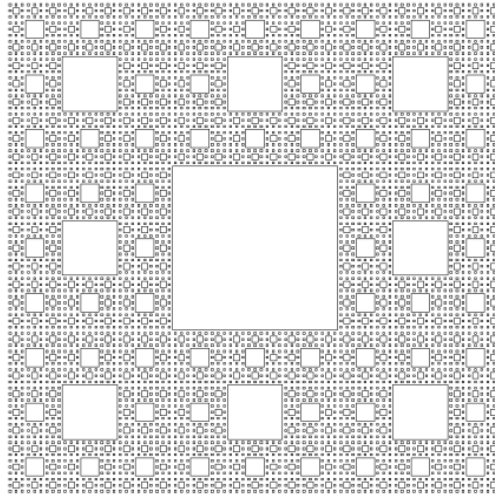


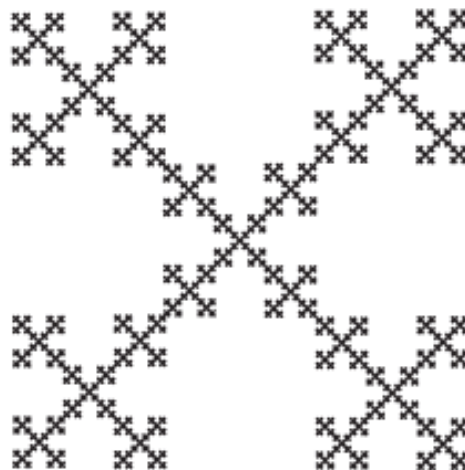
Week 06 - Homework

Modify the examples to produce 2 of the following 3 options:

1. Sierpinski carpet - based on subdivision of a square instead of a triangle.

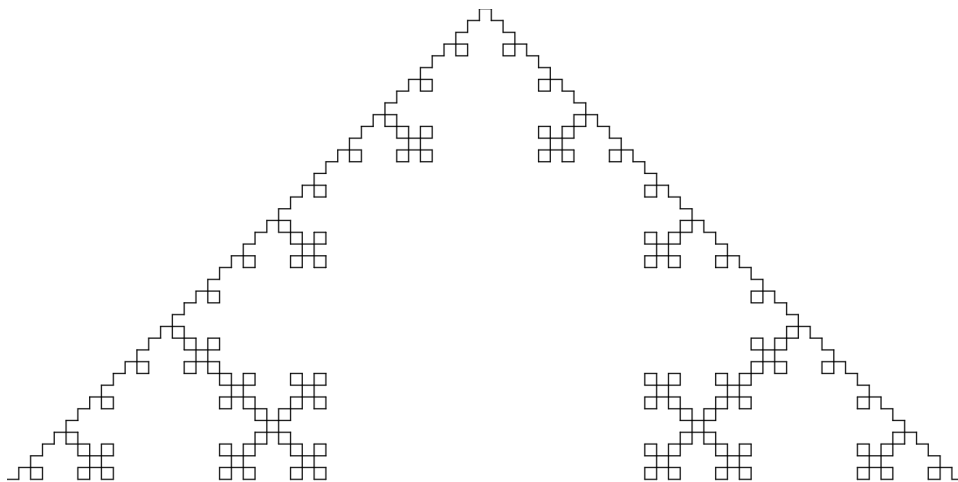


You can explore iterating different sets of the resulting squares to achieve different patterns

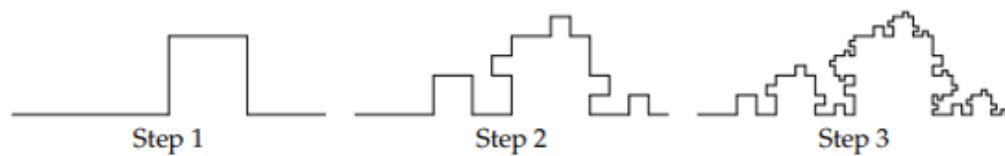


Week 06 - Homework

2. Square Kock Curve – based on subdivision of a line into 5 segments instead of 4.

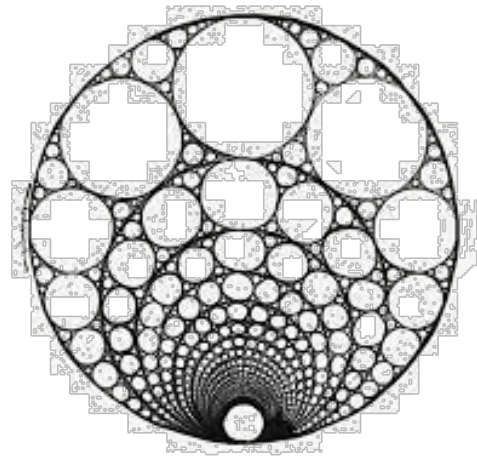
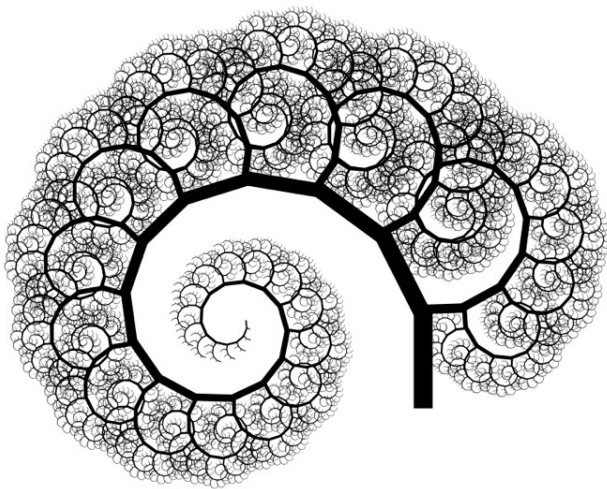
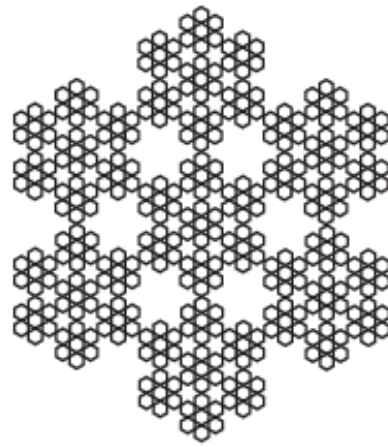
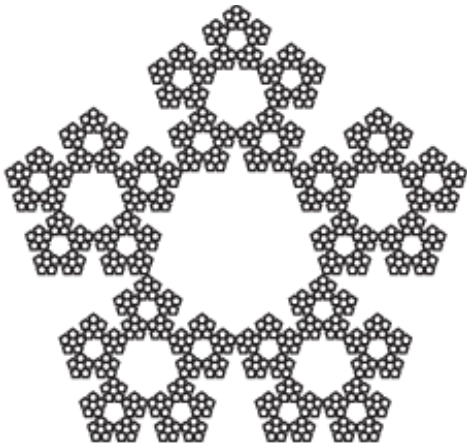


You can explore moving the “kink” proportionally along the line elsewhere than the mid point



Week 06 - Homework

3. A fractal of your own choosing. Lots of algorithms can be found on the Web



Add images to [this presentation](#).