Data Structures and Algorithms:
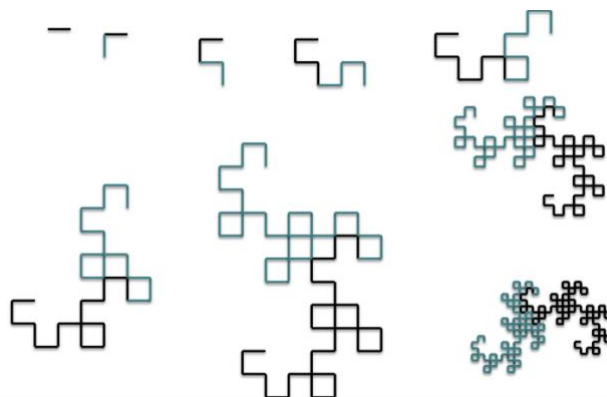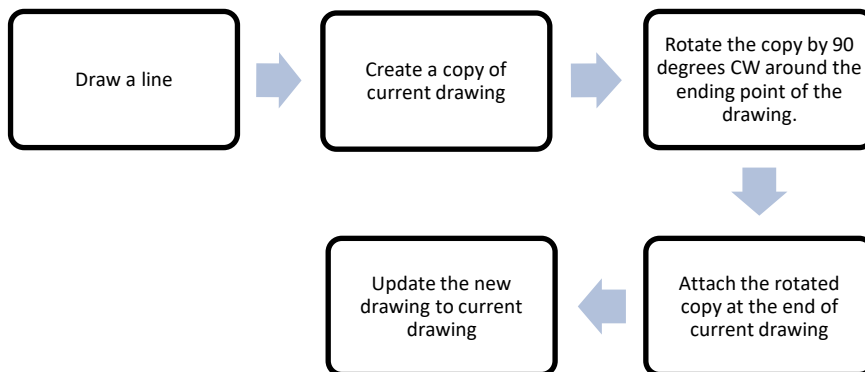Challenge Questions

1. Pick as suitable data structures and write the pseudo code for achieve the following given task.

   The following is a basic fractal art that can be drawn with a few simple steps.

   Steps to draw the above fractal are as follow:

   Note: You can draw a line by connecting two 2D points. Also assume that you can rotate a point around a pivot using the predefined procedure called *rotate(point, pivot)*.