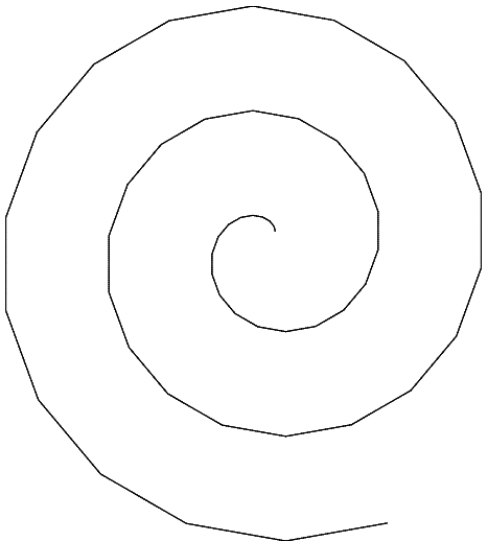a) Lindenmayer system - spiral in 2 dim.

- Axiom: Y
- Rule 1: X -> XF
- Rule 2: Y -> Y+XF
- Angle of + : 20 degree for clockwise
- Generation: 50
- We can adjust the length by adjusting Rule 1, e.g. X -> XF, number of X or F of right side will decide the length of spiral (more F or X, bigger spiral). Also adjusting degree makes different shape of spiral.

b) Lindenmayer system - shape of natural looking tree

- Axiom: X
- Rule: X -> F-[[X]+X]+F[+FX]-X
- Angle of +/- : 25 degree for clockwise / counterclockwise
- Generation: 6