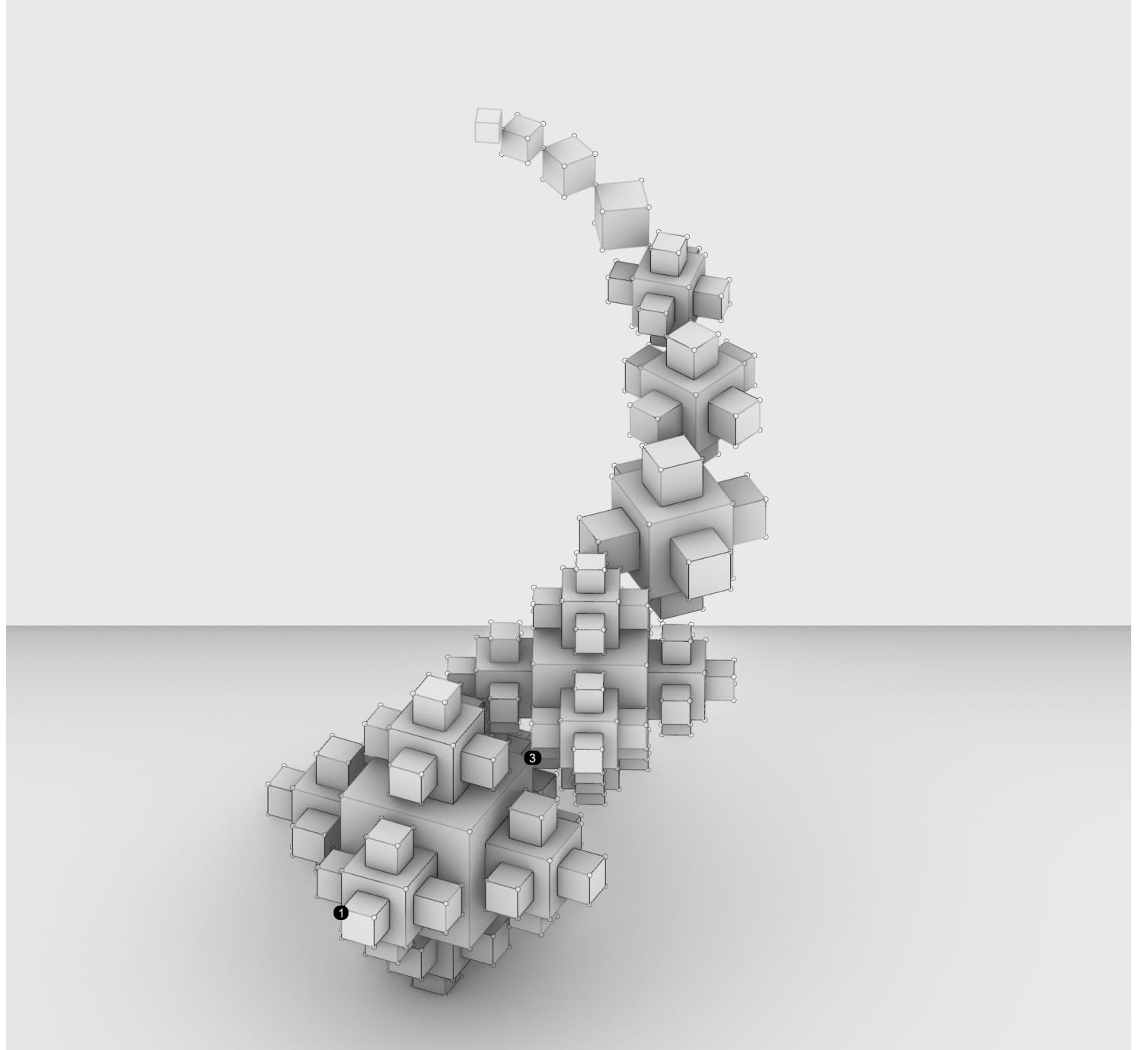
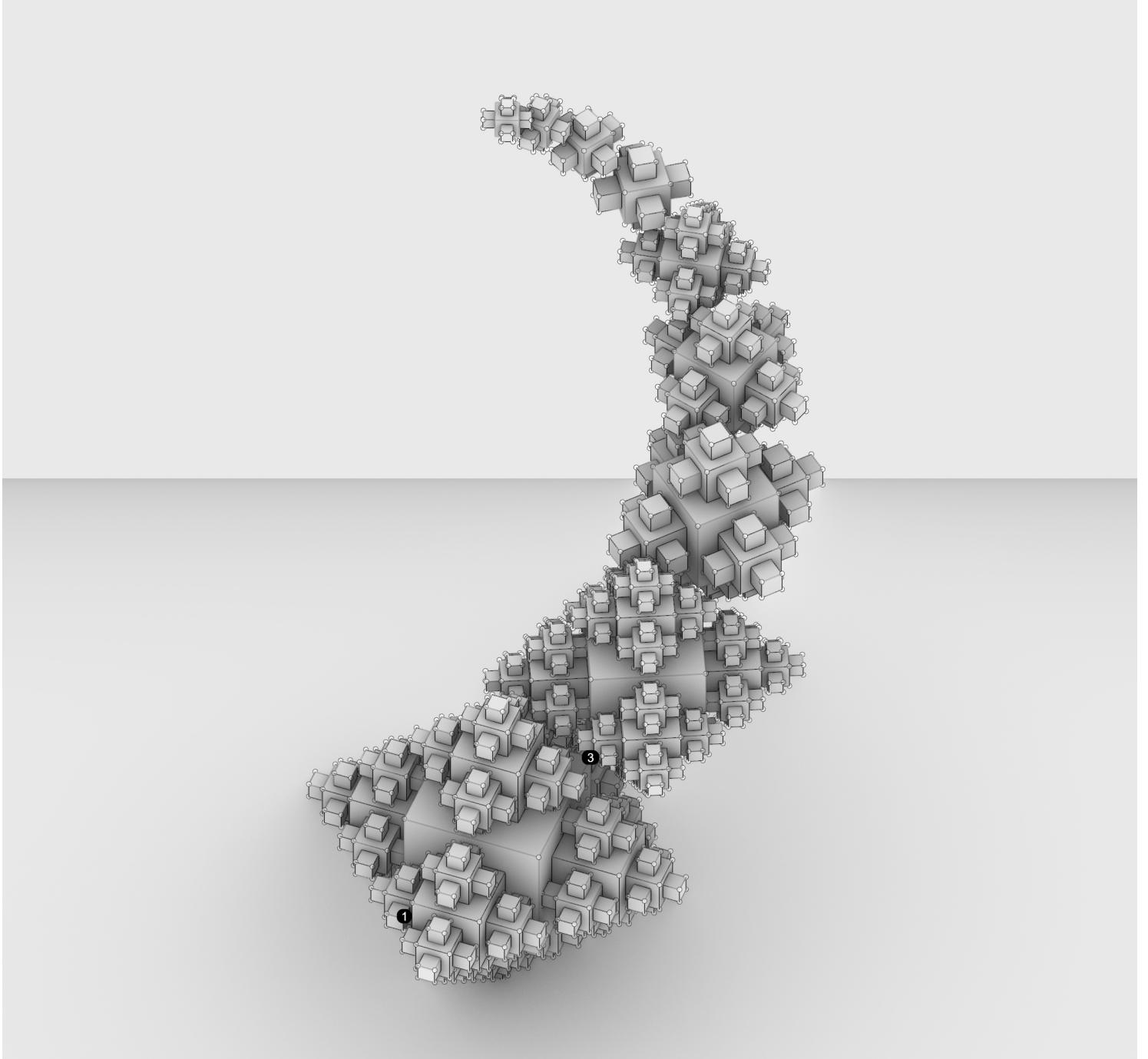


HENAN LIU
EXERCISE_03
ARCH 591
GLENN WILCOX



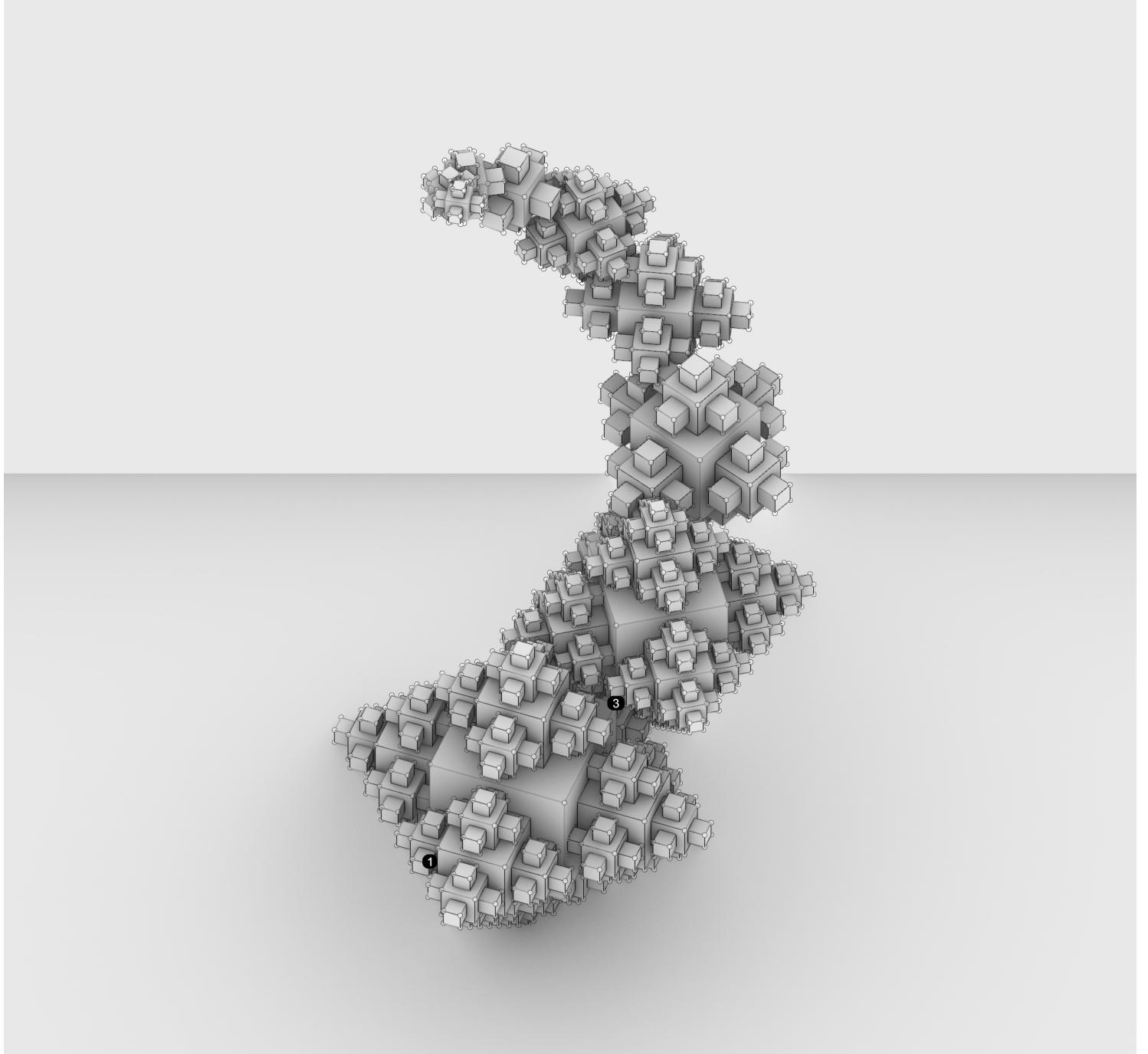
BASIC SPIRAL + FRACTAL

By Manipulating
1) Spiral by rotate and scale
2) Fractal by generating identical geometries upon
every surface



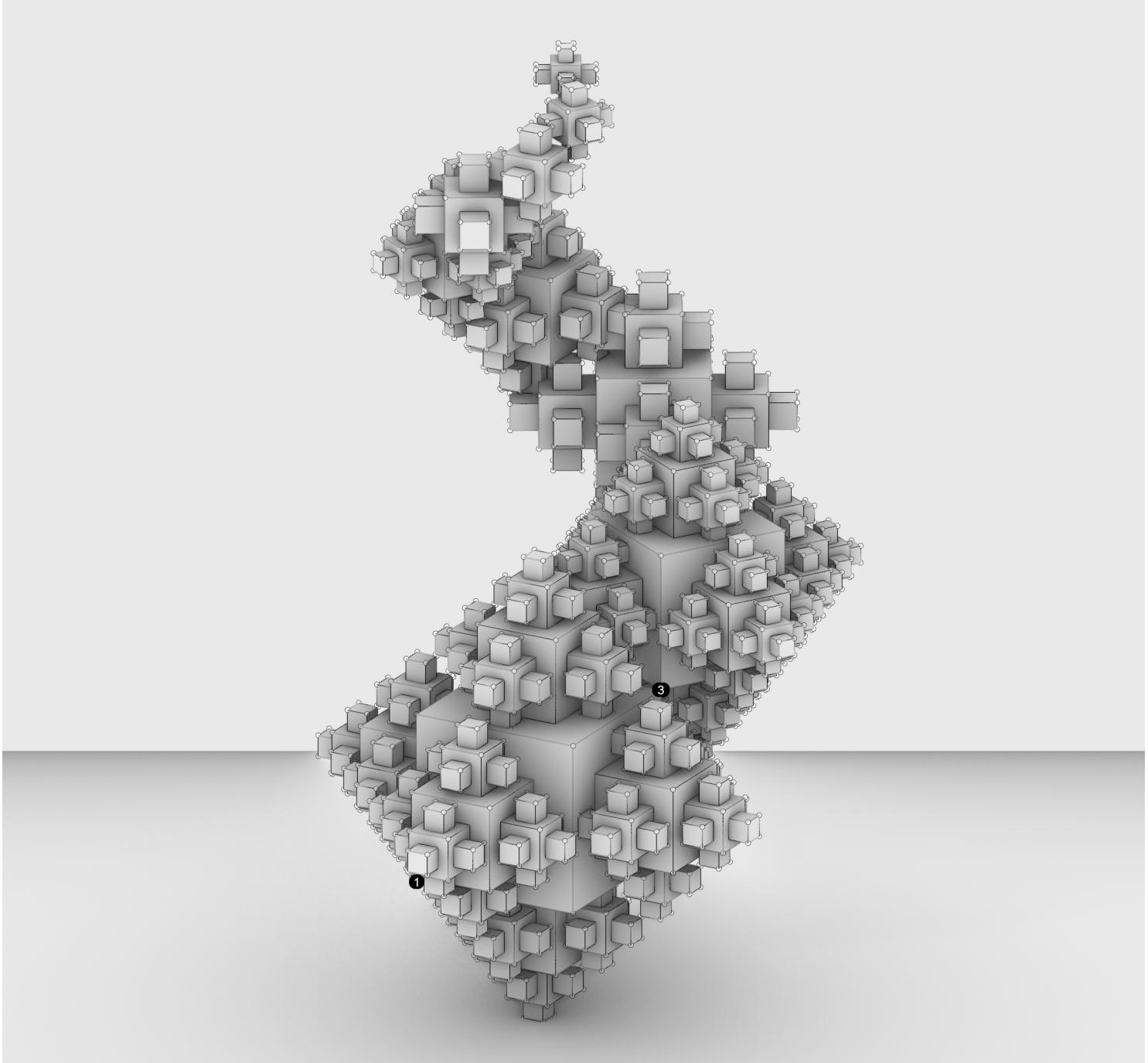
COMPLICATED SPIRAL + FRACTAL

By Manipulating
1) Spiral angel
2) Fractal conditions



COMPLEX SPIRAL + FRACTAL (2)

By Manipulating
1) Spiral angel
2) Fractal conditions



DRAMATIC SPIRAL + BASIC FRACTAL

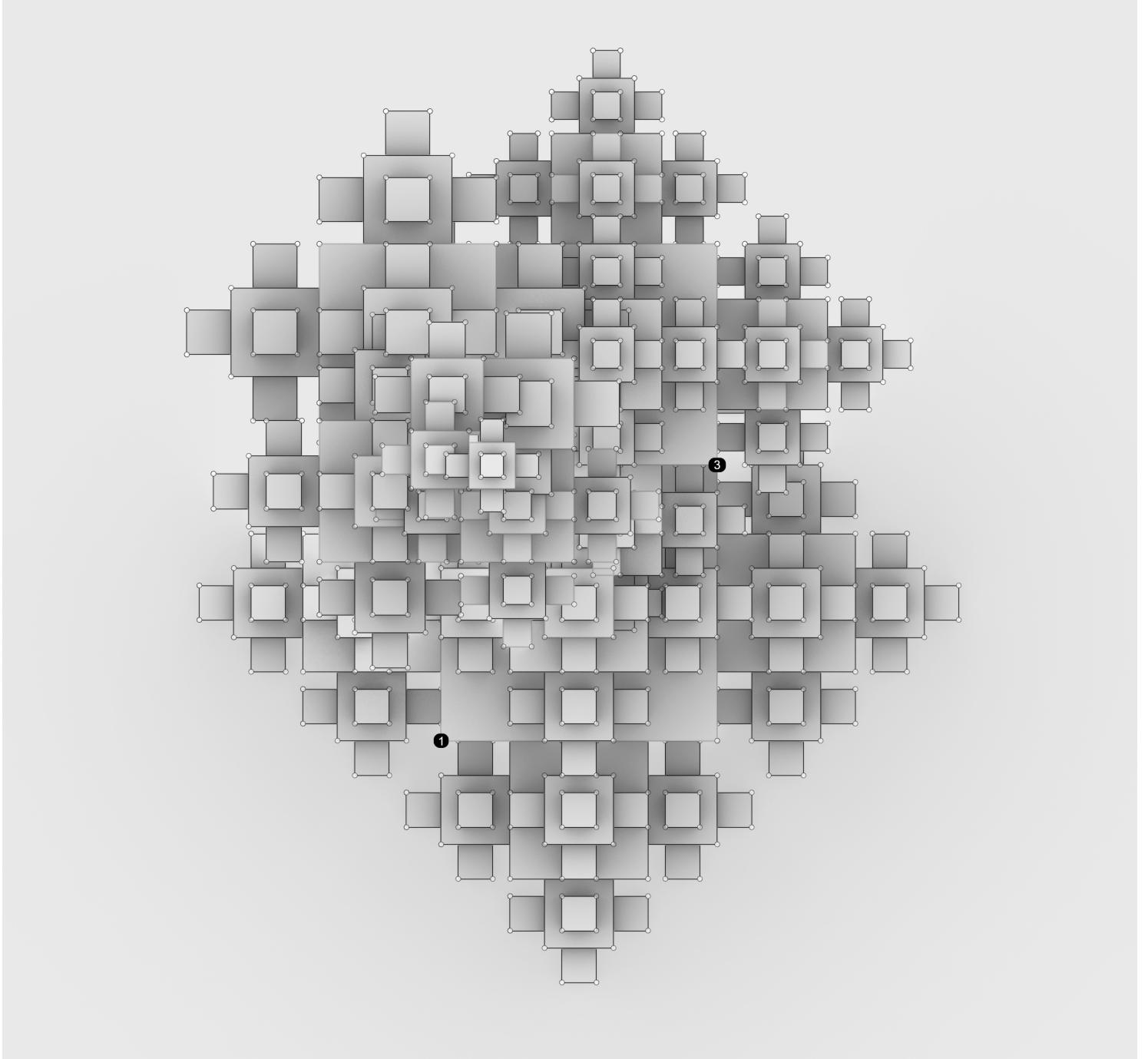
By Manipulating
1) Spiral angel



SNAKE-LIKE SPIRAL + BASIC FRACTAL

By Manipulating

- 1) Spiral angel
- 2) Spiral Conditions



TOP VIEW OF ORTHOGONAL S + F

By Manipulating

- 1) Spiral angel to 90 degree