Recursion

From the Latin, meaning “run back”

Dictionary definition: the repeated application of a recursive procedure*

Python definition: The process of calling a function that is already executing

Python supports recursive functions
Fractals

A curve or geometric figure, each part of which has the same character as the whole.

Fractals can help describe phenomena such as crystal growth, coastline erosion, and galaxy formation.

A computational fractal drawing can be defined in terms of itself.

Fractal patterns can be found or modeled in images, structures, sounds, nature, technology, art, law.
Introduction to Computer Programming
CSCI-UA 2

Recursion
Recursive Functions
Introduction to Computer Programming
CSCI-UA 2

Recursion
Recursive Functions