Koch Snowflake

• Start with an initial shape:

Drawn with turtle, according to the string

`F++F++F`

base string: draws initial shape

Where these symbols mean:

- `F`: Turtle, move forward a distance `d`.
- `-`: Turtle, turn right by `θ` degrees.
- `+`: Turtle, turn left by `θ` degrees.

Characters Symbols = Our L-system alphabet

• Apply a replacement rule: Find `F` in base string replace with `'F-F++F-F'`
Let's implement an L-system to draw a Koch snowflake.