

Artificial plants

Drawing Program knows the Following instructions

- F draw short line
- - turn right
- + turn left
- [save current position
-] go back to last saved position

$$F[+FF] \neg F F \neg F[+FF] \neg F F F[+FF] \neg F F \neg F[+FF] \neg F F F[+FF] \neg F F$$

Start with F and use $F \rightarrow F[+FF][--F]F$ for n-times

here an example generated with **n=4***

F

$$F[+FF] \quad [---F]F$$
$$F[+FF] \quad [-F]F \quad [+F[+FF] \quad [-F]FF \quad [+FF] \quad [-F]F \quad [-F[+FF] \quad [-F]F]F \quad [+FF] \quad [-F]F$$
[illegible]

$[--F]FF[+FF] [--F]F [--F[+FF] [--F]F[+FF] [--F]F[+F[+FF] [--F]F[+F[+FF] [--F]FF[+FF]$
 $[--F]F [--F[+FF] [--F]F[+FF] [--F]FF[+FF] [--F]F[+F[+FF] [--F]FF[+FF]$
 $[--F]F [--F[+FF] [--F]F[+FF] [--F]F [--F[+FF] [--F]F[+F[+FF] [--F]FF[+FF] [--F]F$
 $[--F[+FF] [--F]F[+FF] [--F]F[+FF] [--F]F[+F[+FF] [--F]FF[+FF] [--F]F [--F[+FF]$
 $[--F]F[+FF] [--F]F$