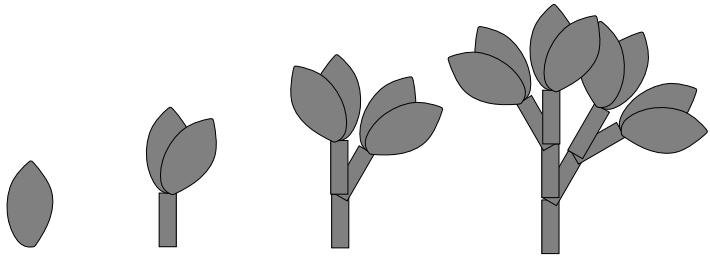
L–Systems Examples

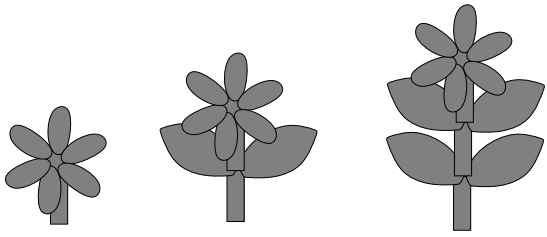


Axiom: A

A –> F[–A]B
B –> F[+B]A

Other ideas:

Make the trunk thicker than the side branches.
Main branches leave the trunk at a larger angle than branches leave other branches
Branches turning upwards leave other branches at a larger angle than branches turning downwards

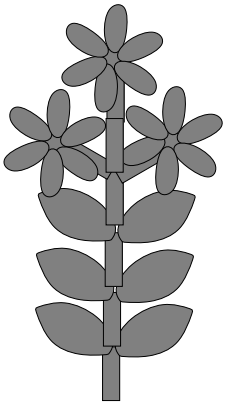


Axiom: a(n)

i>1: a(i) –> F[+L][–L]a(i–1)
i=1: a(i) –> FB

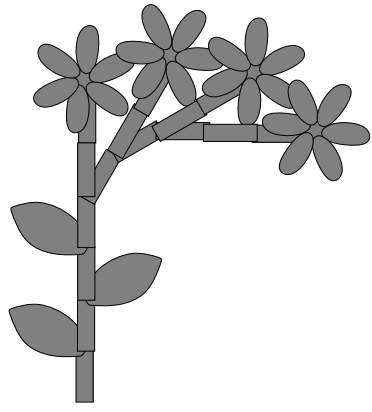
Other ideas:

Make the lower leaves slightly larger.
Allow one or two branches near the bottom.



Axiom: a(n)

i>2: a(i) –> F[+L][–L]a(i–1)
i=2: a(i) –> F[+FB][–FB]a(i–1)
i=1: a(i) –> FFB



Axiom: a(n)

i>4, even: a(i) –> F[–L]a(i–1)
i>4, odd: a(i) –> F[+L]a(i–1)
i>1, i<4: a(i) –> F[–a(i–1)]FFB
i=1: a(i) –> FFB