

Assignment #HW6 Developmental Systems

CSSE490: Bio-Inspired Artificial Intelligence

Prepared and submitted by:

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Collaboration and resources:

I worked alone

Resources I used to complete this assignment (websites, textbook, friends, etc.):

Stack overflow

Nature of Code

Python documentation

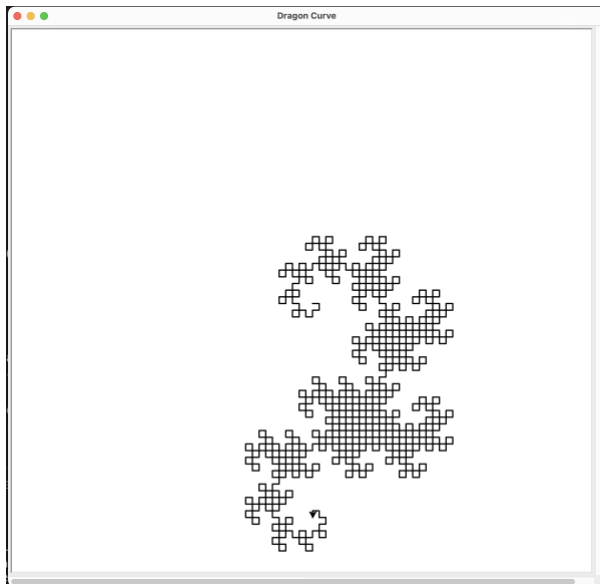
Checkpoint #1:

Provide a screenshot of your code outputting the generated words.

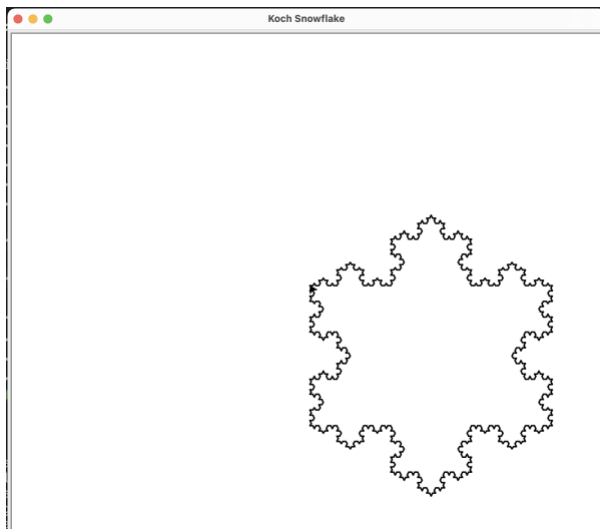
```
Generation 1 : FX+YF
Generation 2 : FX+YF+FX-YF
Generation 3 : FX+YF+FX-YF+FX+YF-FX-YF
Generation 4 : FX+YF+FX-YF+FX+YF-FX-YF+FX+YF-FX-YF-FX+YF-FX-YF
Generation 5 : FX+YF+FX-YF+FX+YF-FX-YF+FX+YF-FX-YF-FX+YF-FX-YF-FX+YF-FX-YF-FX+YF-FX-YF-FX+YF-FX-YF
```

Checkpoint #2:

2.a Provide a screenshot of your graph of the “dragon curve”

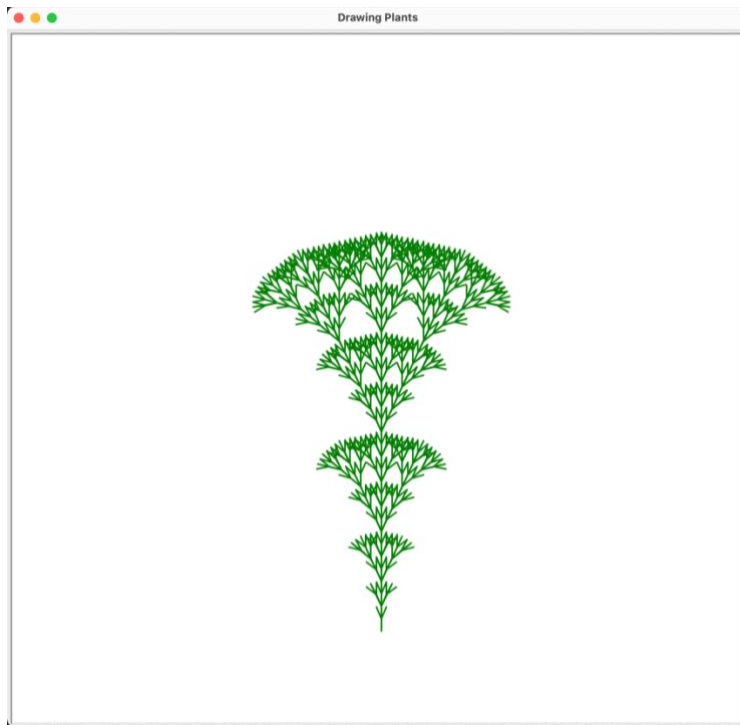


2.b Provide a screenshot of your choice of another non-branching L-System

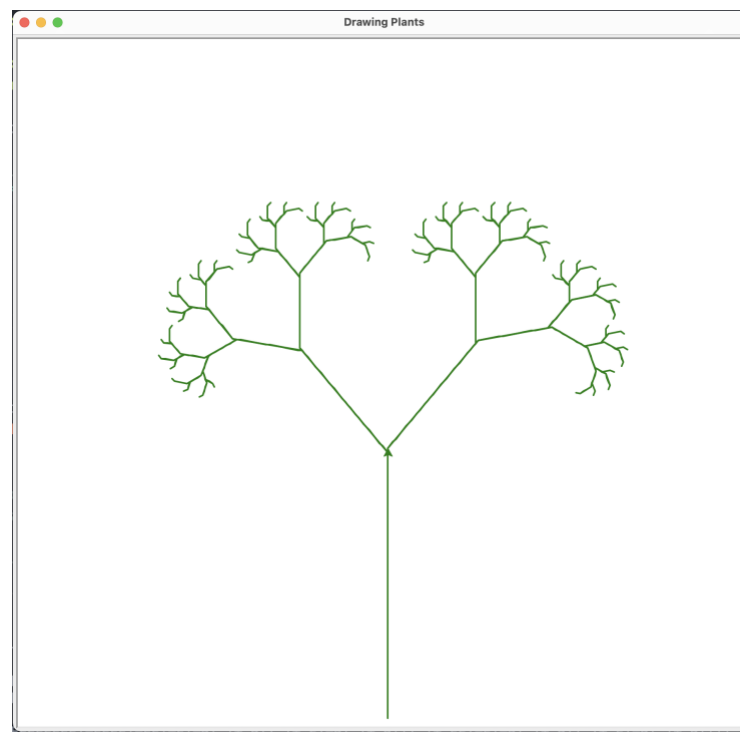


Checkpoint #3:

3.a L-System 1

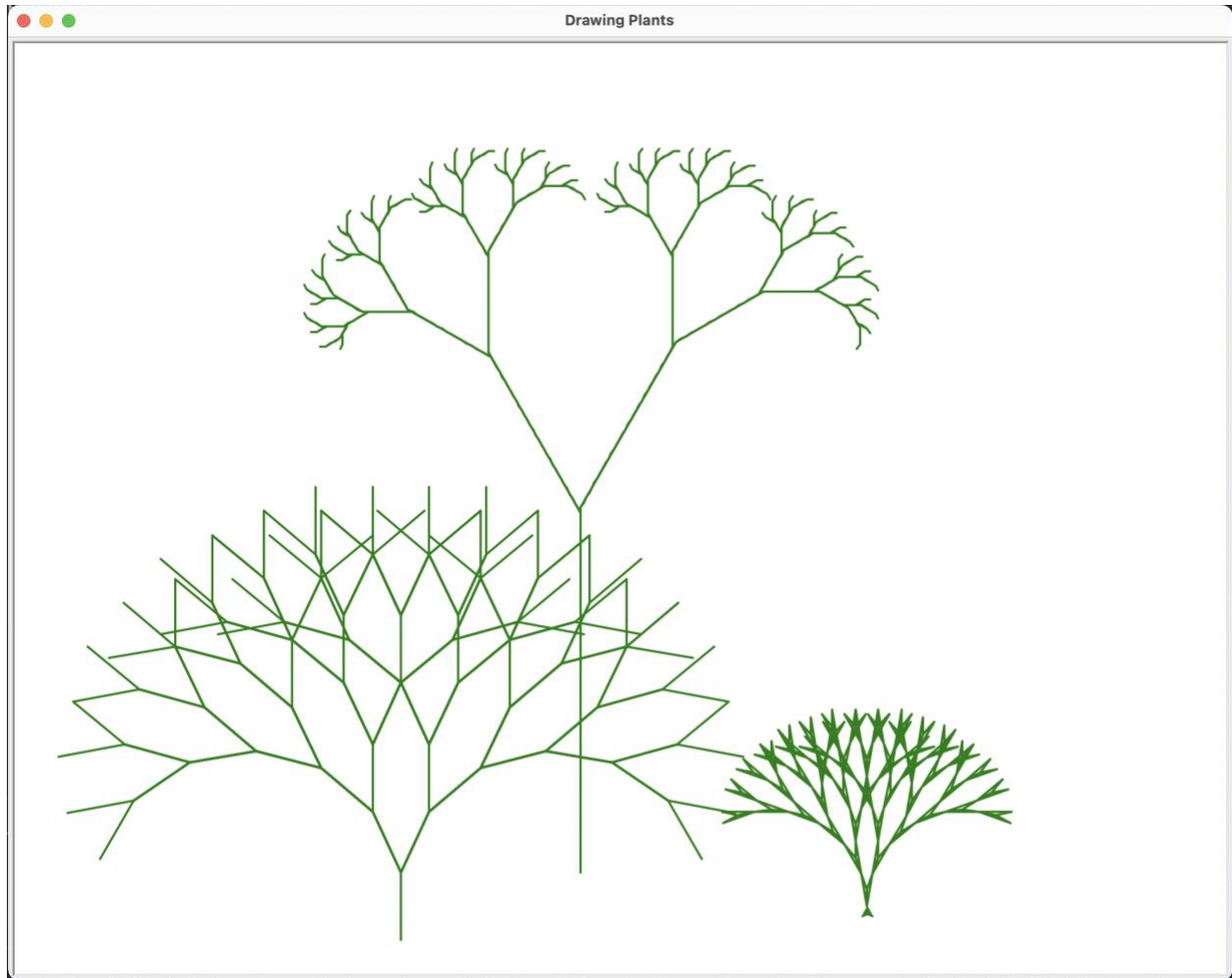


3.b L-System 2



Checkpoint #4:

Provide a screenshot for your L-System tree forest containing at least 3 different trees:



Awesomesauce:

Include any work you did including the Optional or other explorations you would like to consider for awesomesauce.