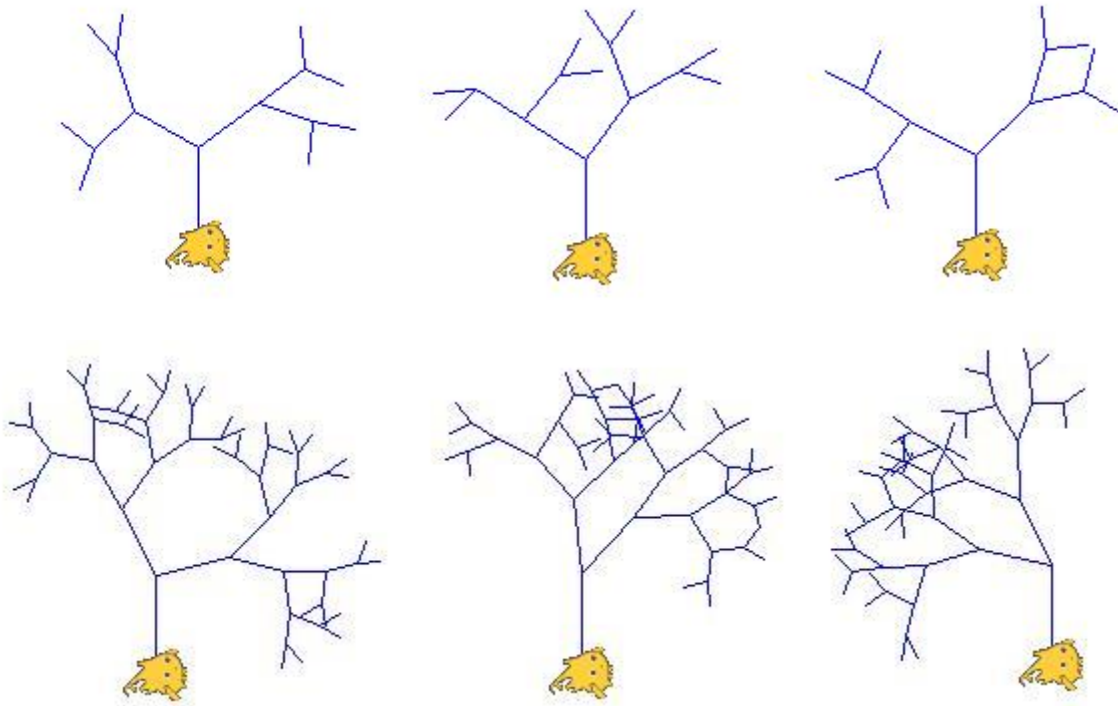


Random Tree

We want to make a tree that looks more random. Here are some pictures of different runs of the program with different levels so that you can see what we were thinking.



Unfortunately our attempt (shown below) was unsuccessful. Modify the crazy-tree code to produce the random trees as shown above.

```
define crazy-tree size size level level left a right b
if level > 0 then
  pen down
  move size steps
  turn pick random 0 to 80 degrees
  crazy-tree size size * 0.75 level level - 1 left pick random 0 to 80 right pick random 40 to 120
  turn pick random 40 to 120 degrees
  crazy-tree size size * 0.75 level level - 1 left pick random 0 to 80 right pick random 40 to 120
  pen up
  turn 40 degrees
  move 0 - size steps
```