

Trees

A hierarchical type
data structure.

Why we learn this
data structure?

Efficient data
organizations

Fast search and
retrieval

algorithm and
problem solving.

Types of tree data
structure.

Binary Tree.

it also has

some type.

Binary Search tree

AVL tree

Red Black Tree.

Splay Tree

Heap

N- array tree

Trie

Ternary search tree.

B tree.

properties of tree
data structure.

root

Noodle

Feeddoge.

Parent

Child node

Leaf

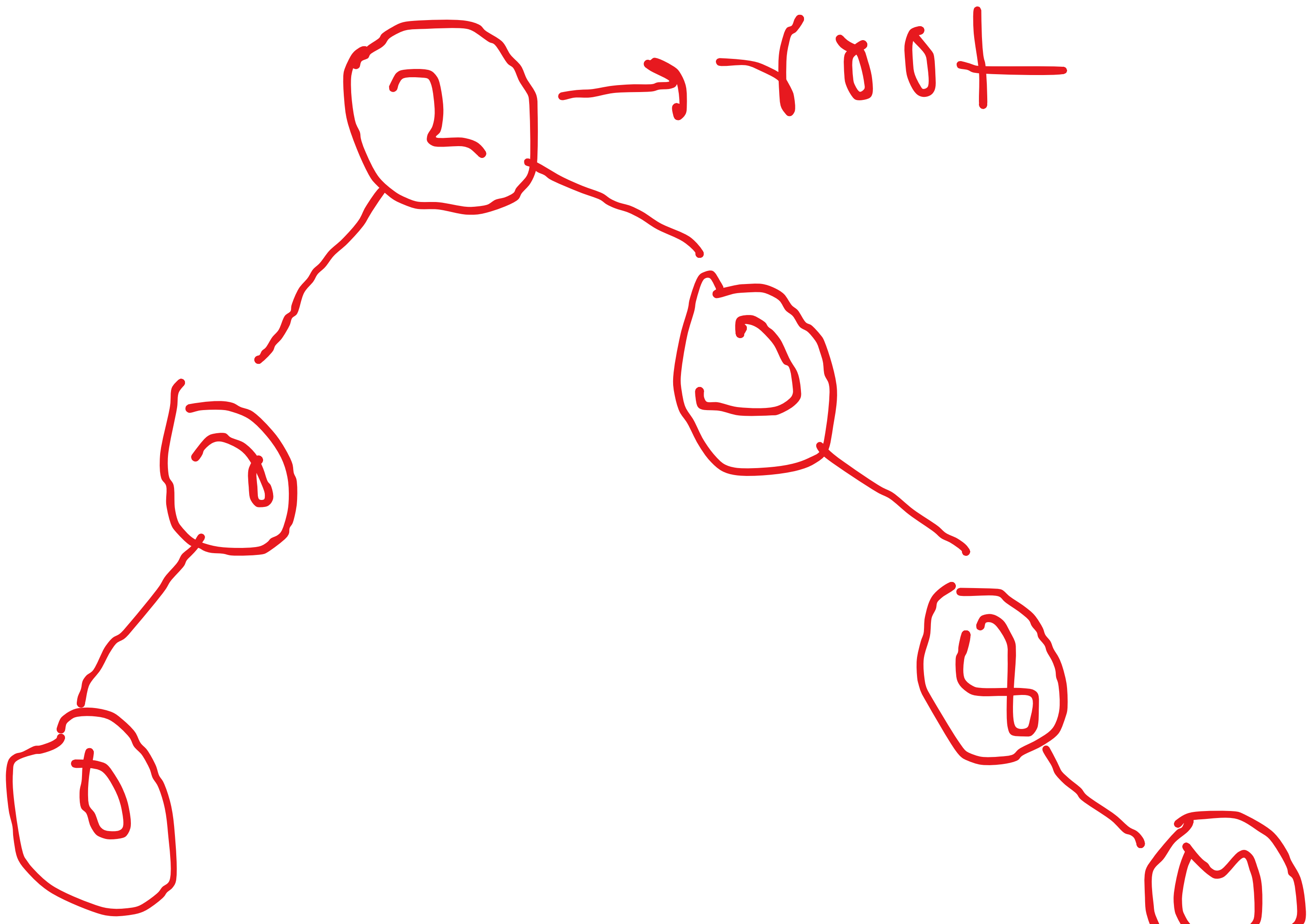
Height

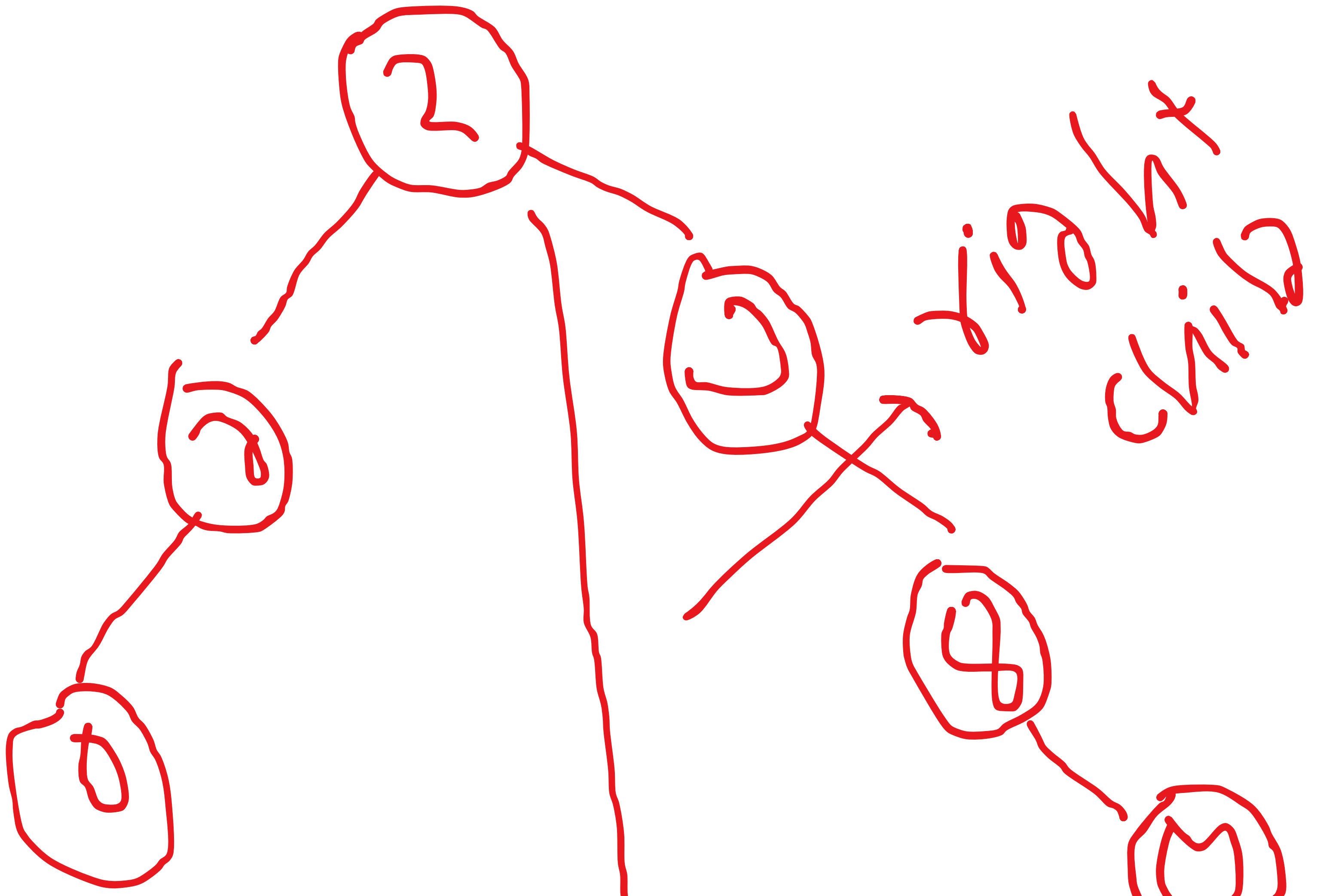
Depth

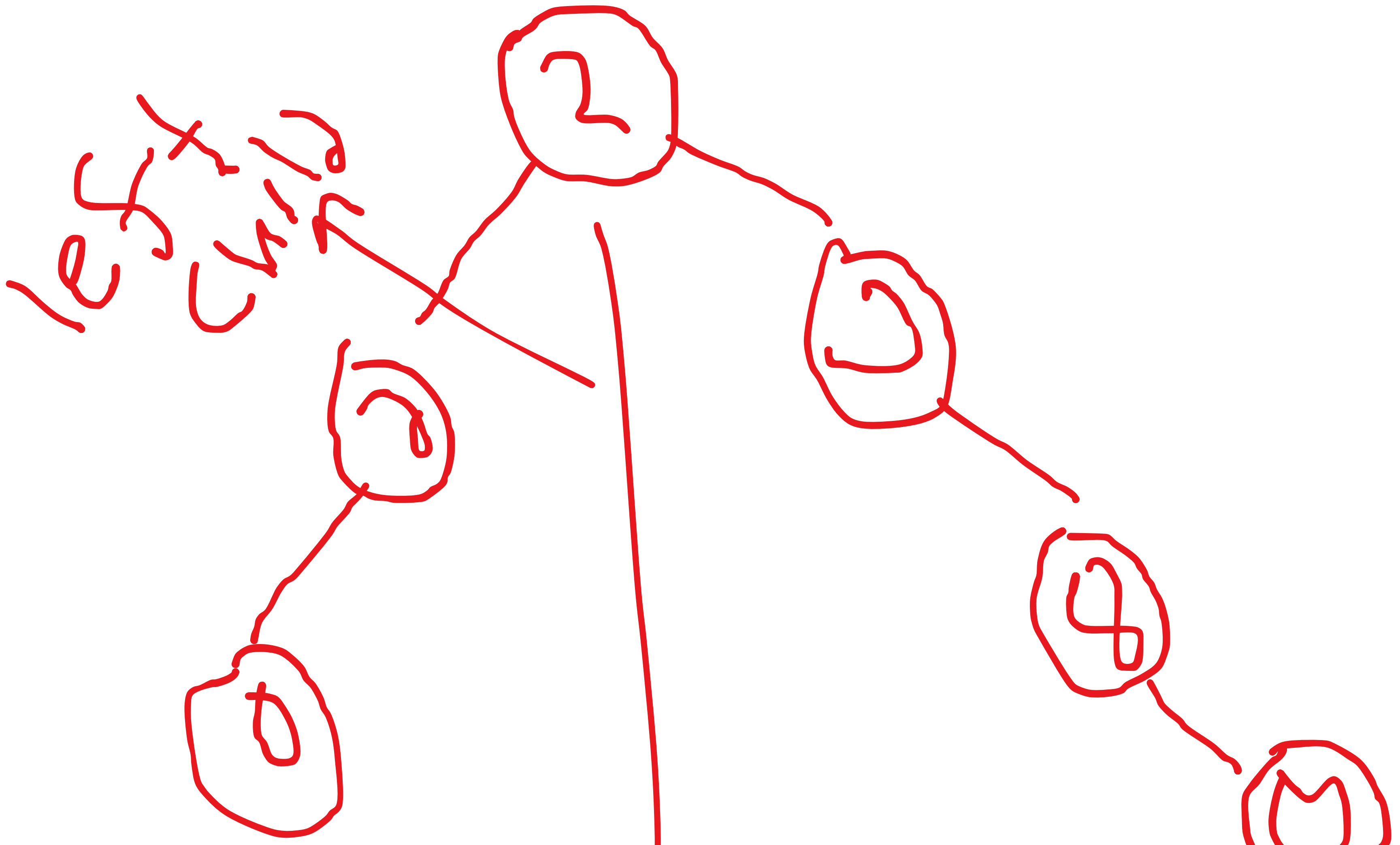
Level

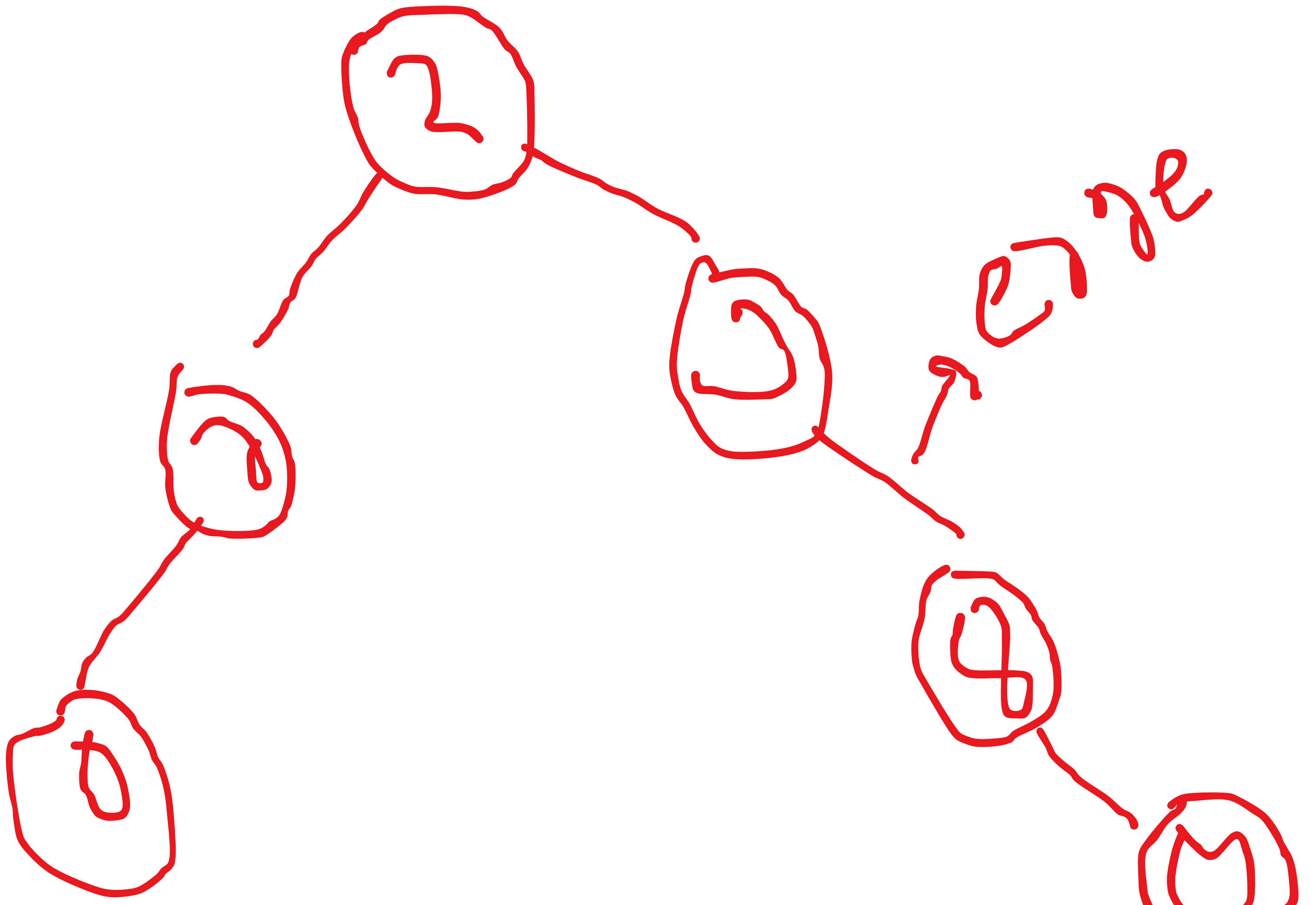
Subtree

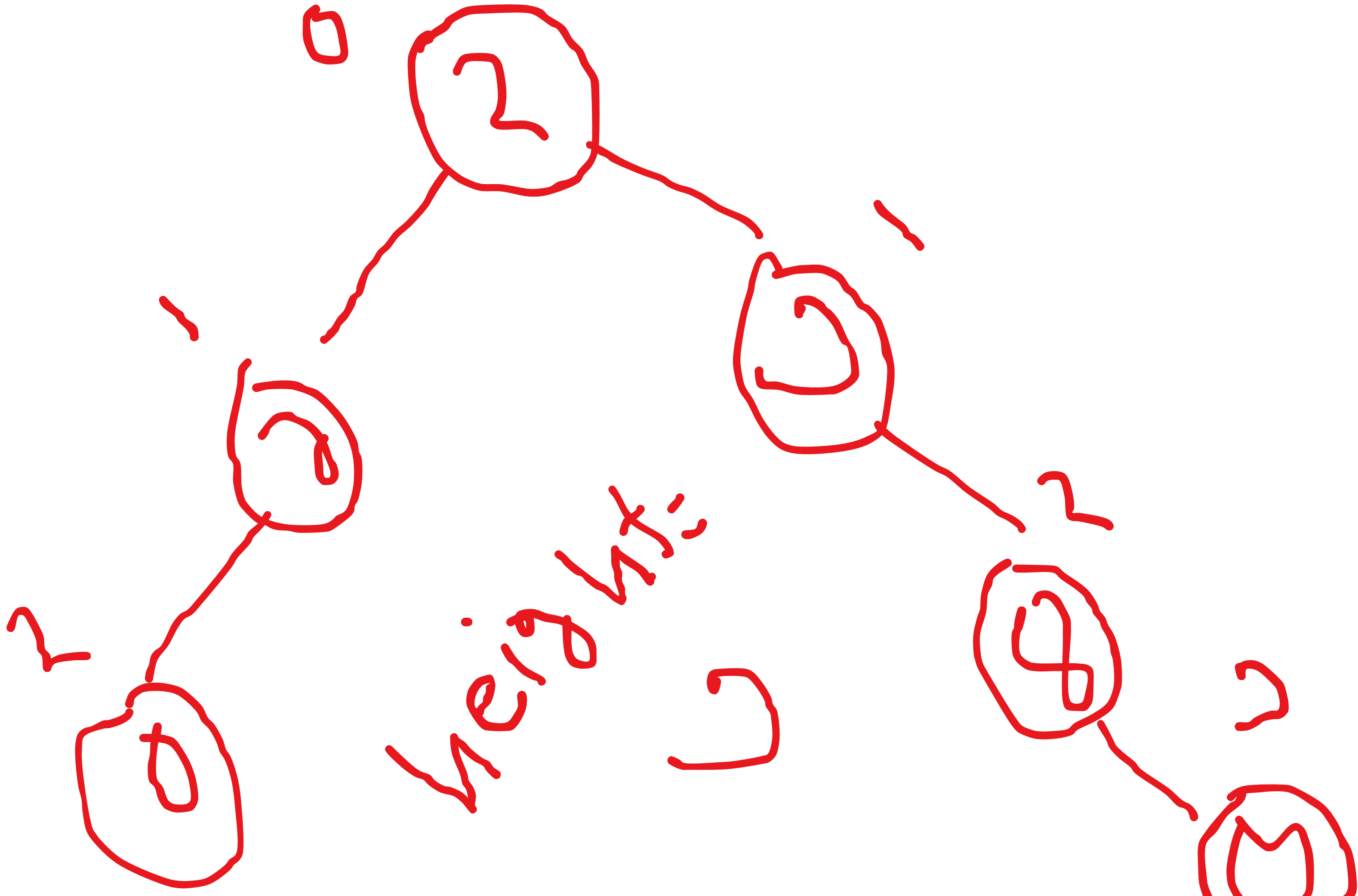
Deegree

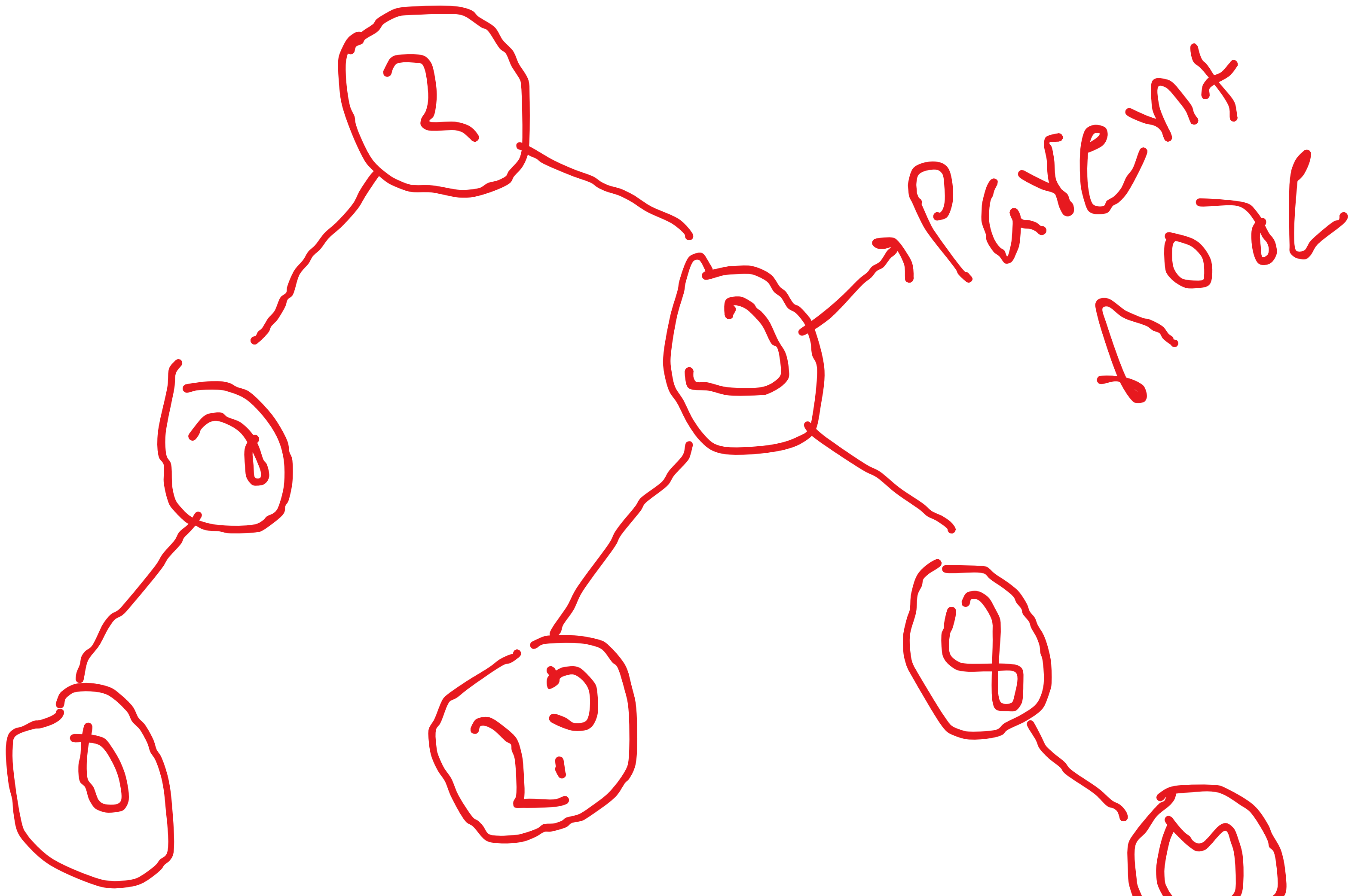


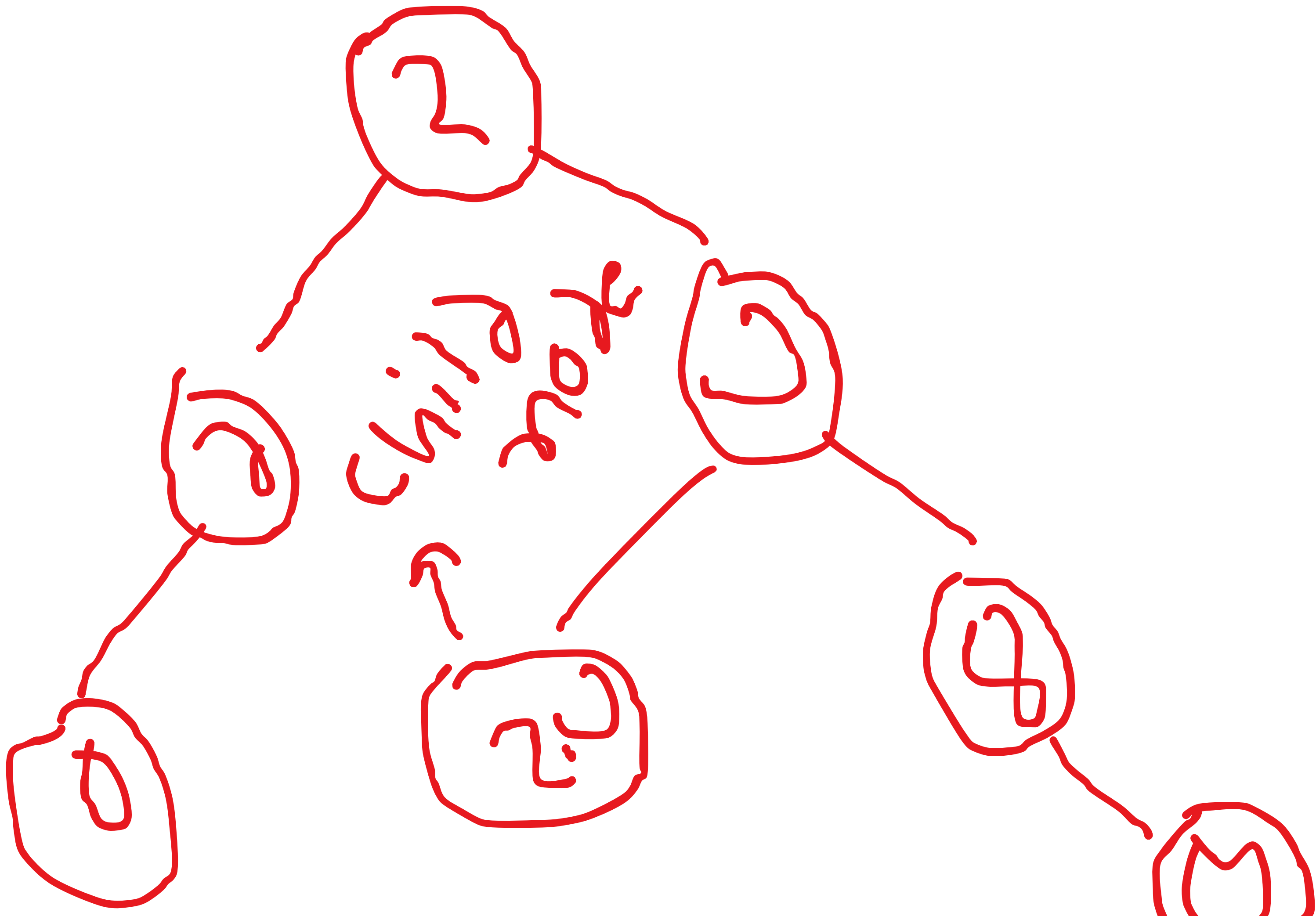


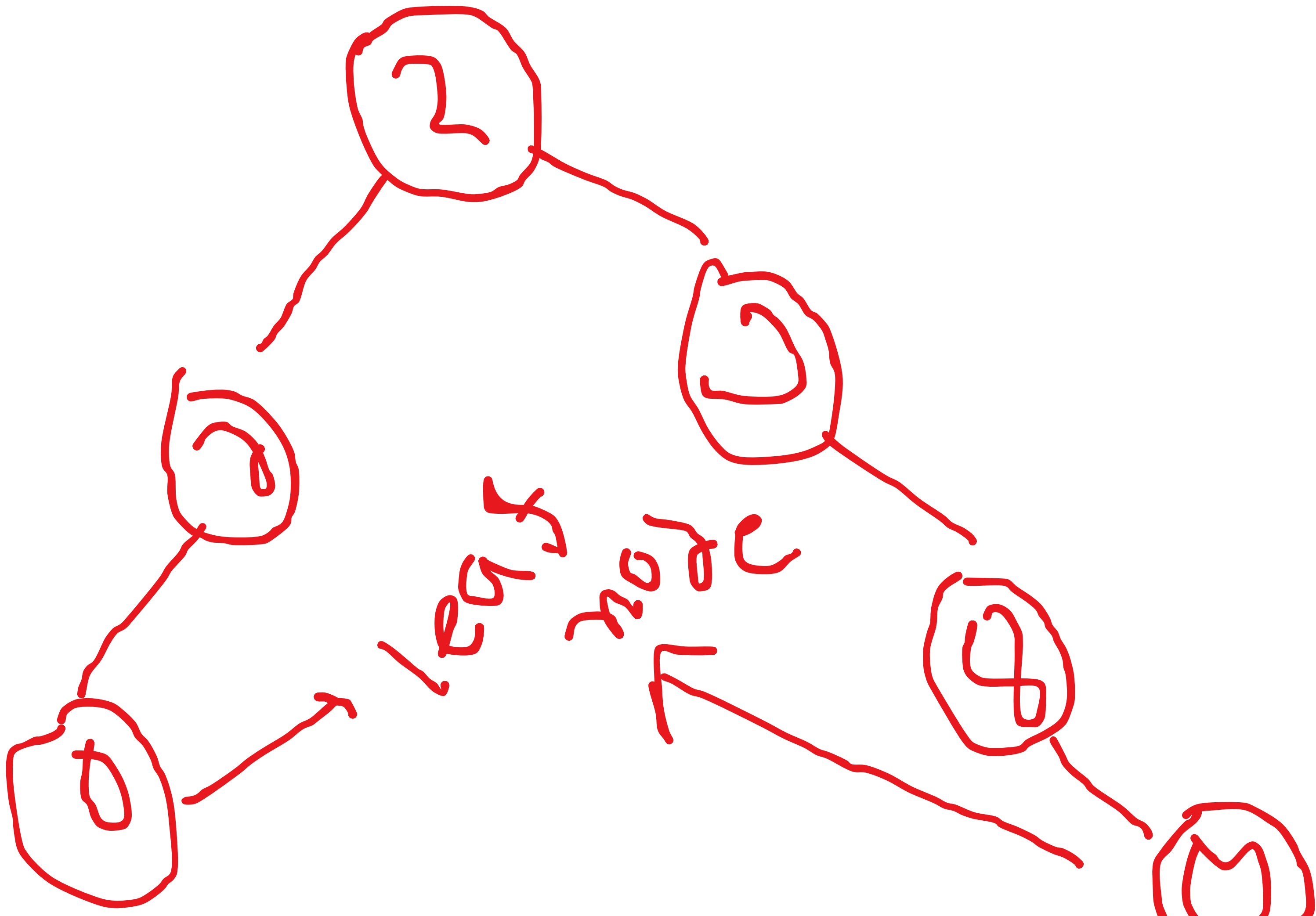


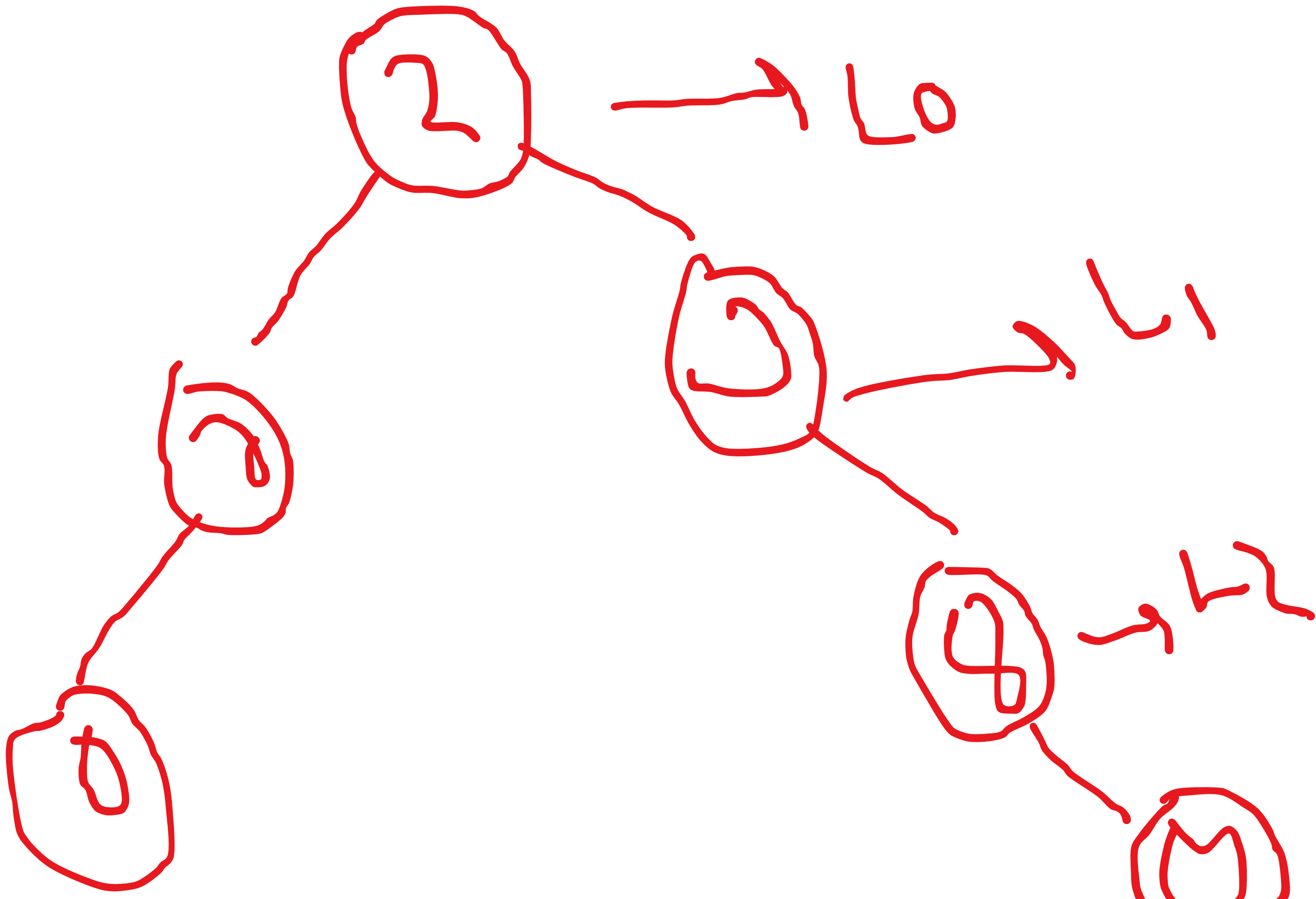


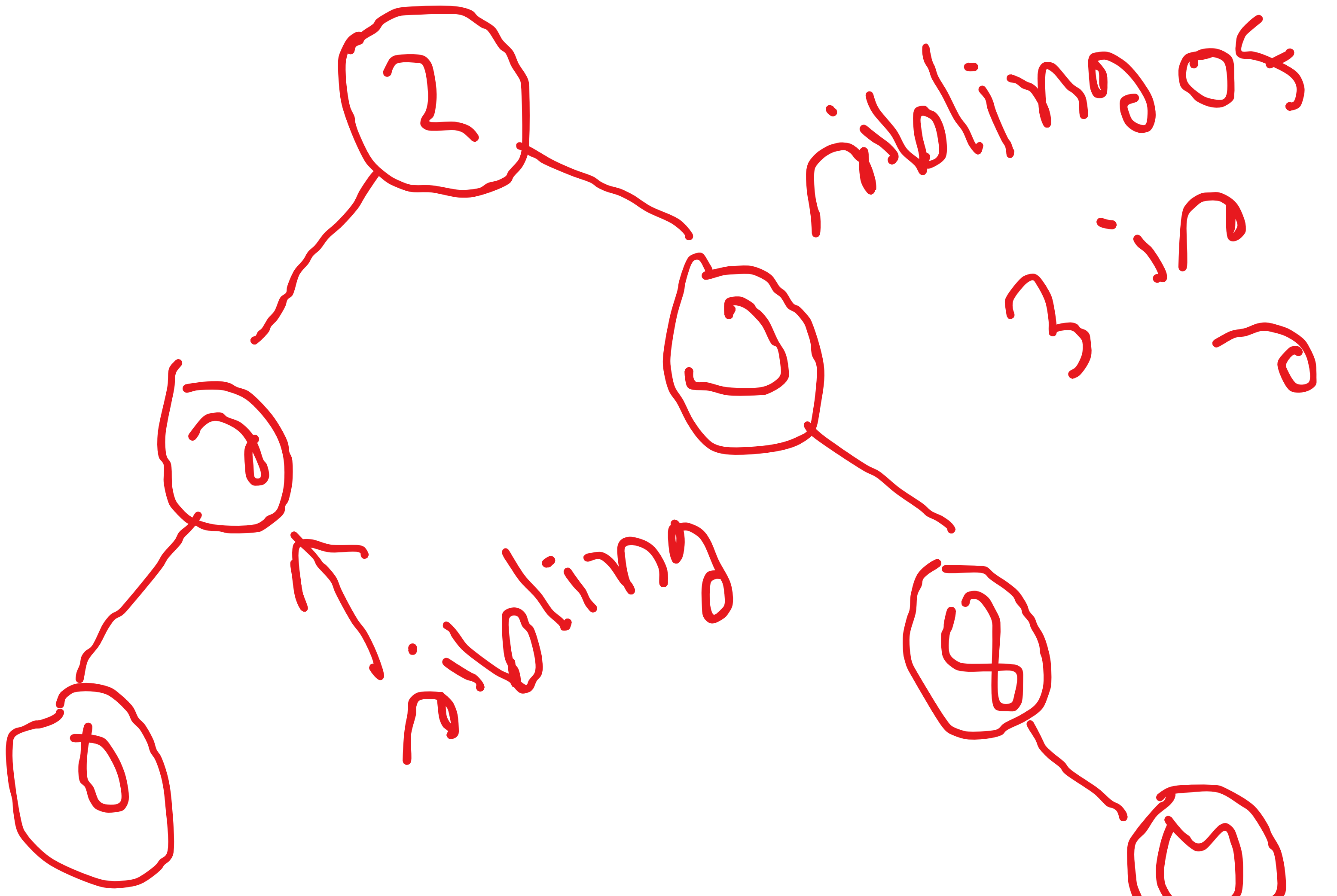


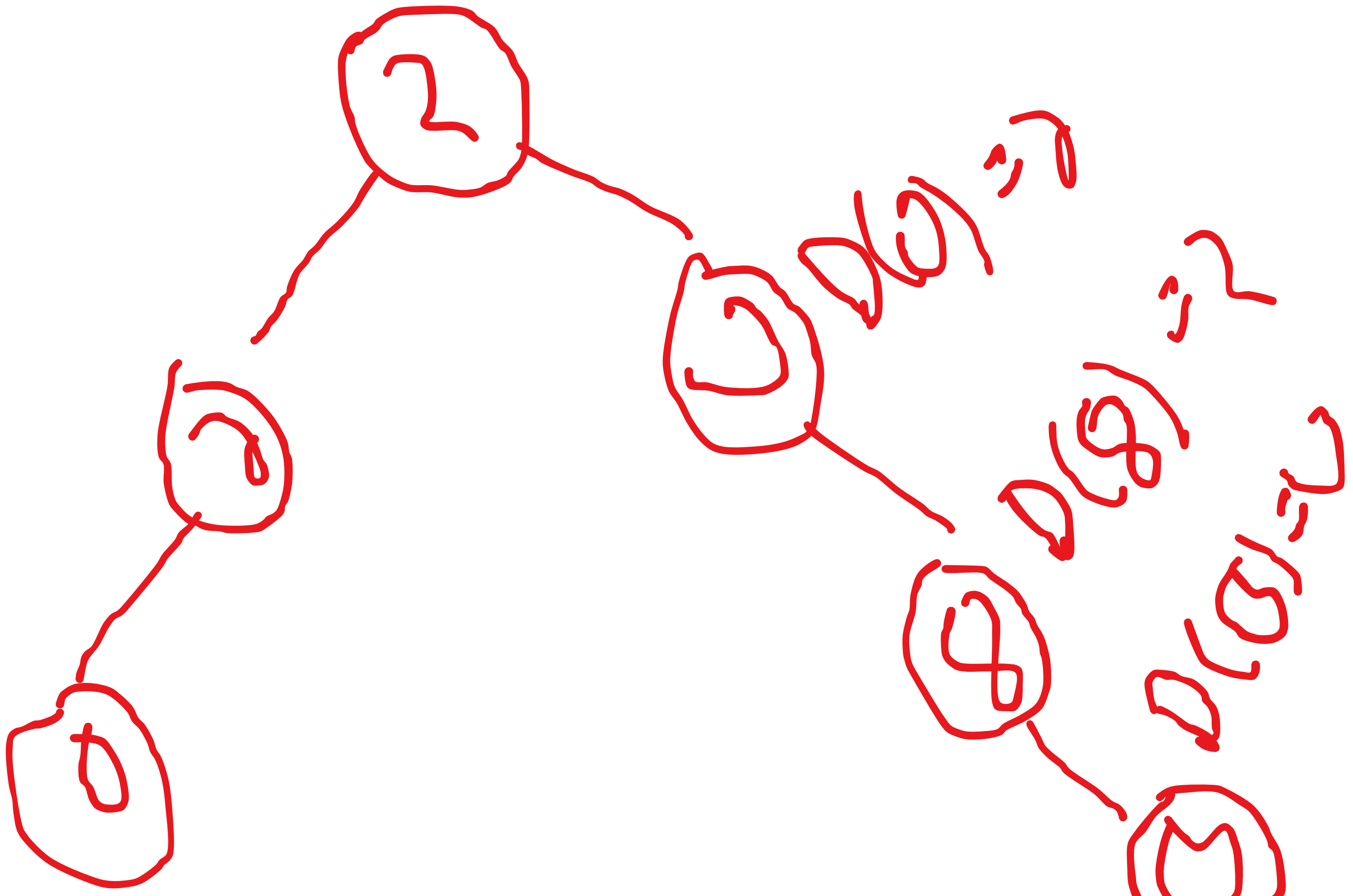


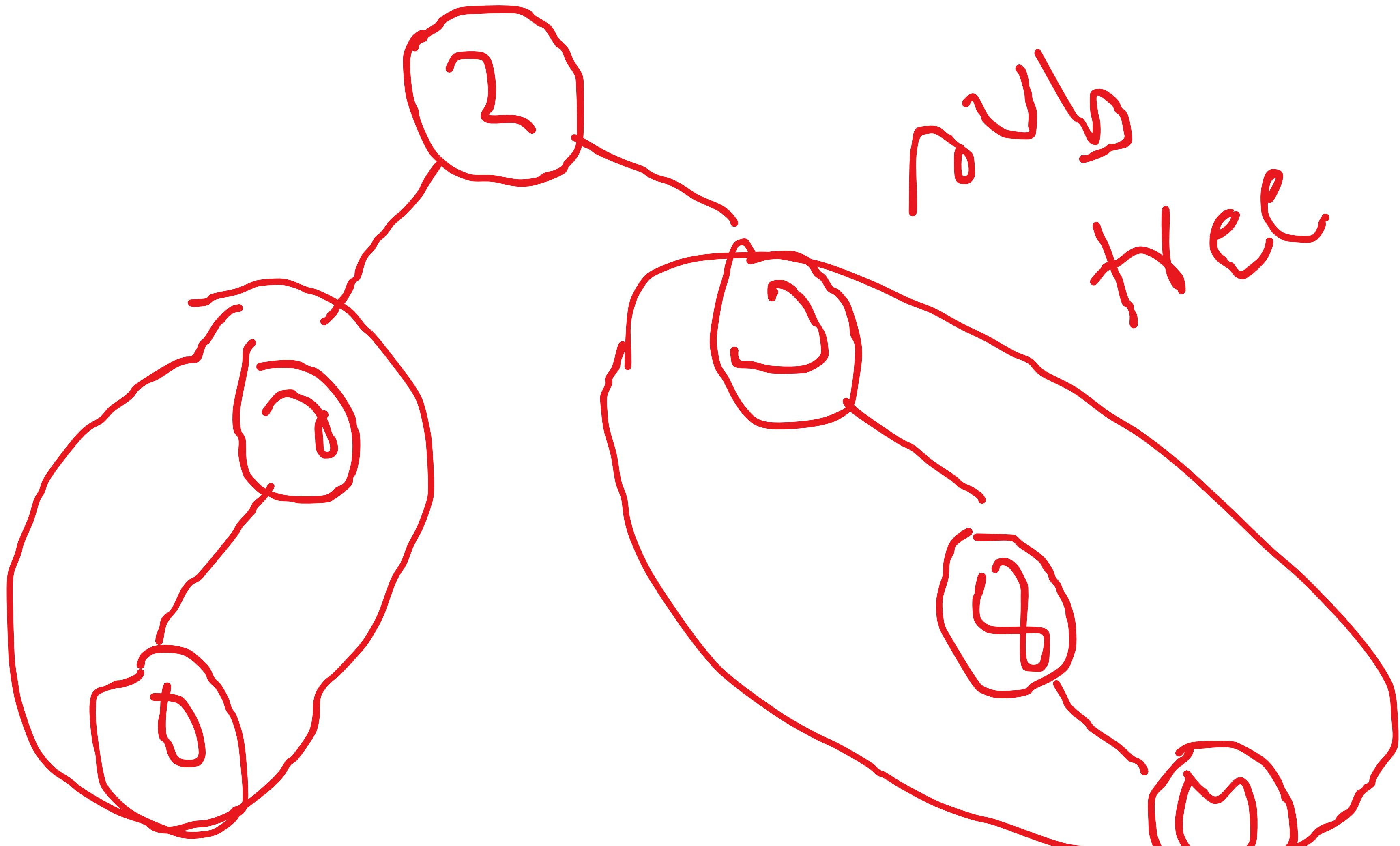


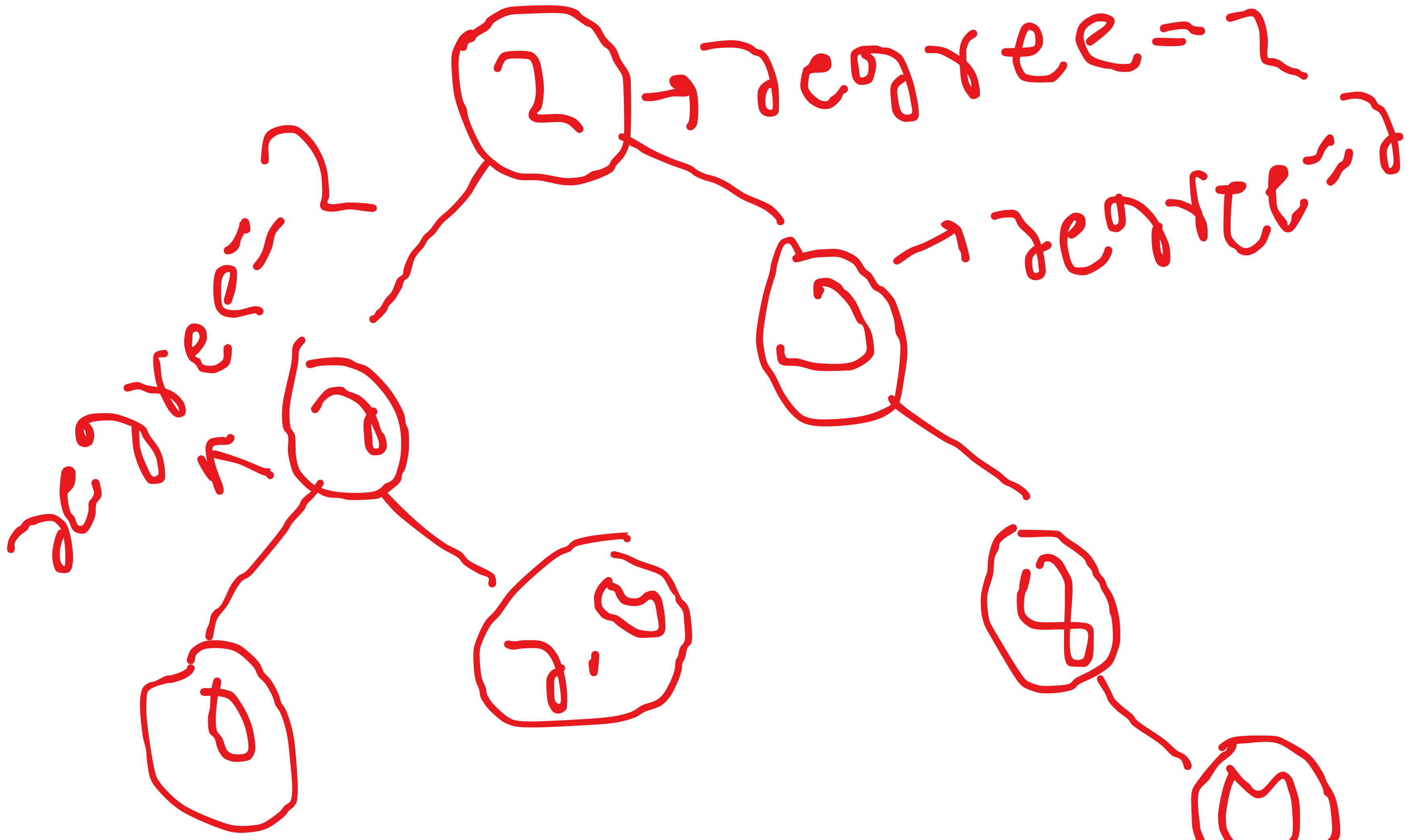












That's all about the
tree structure.

Thank you.