Tree

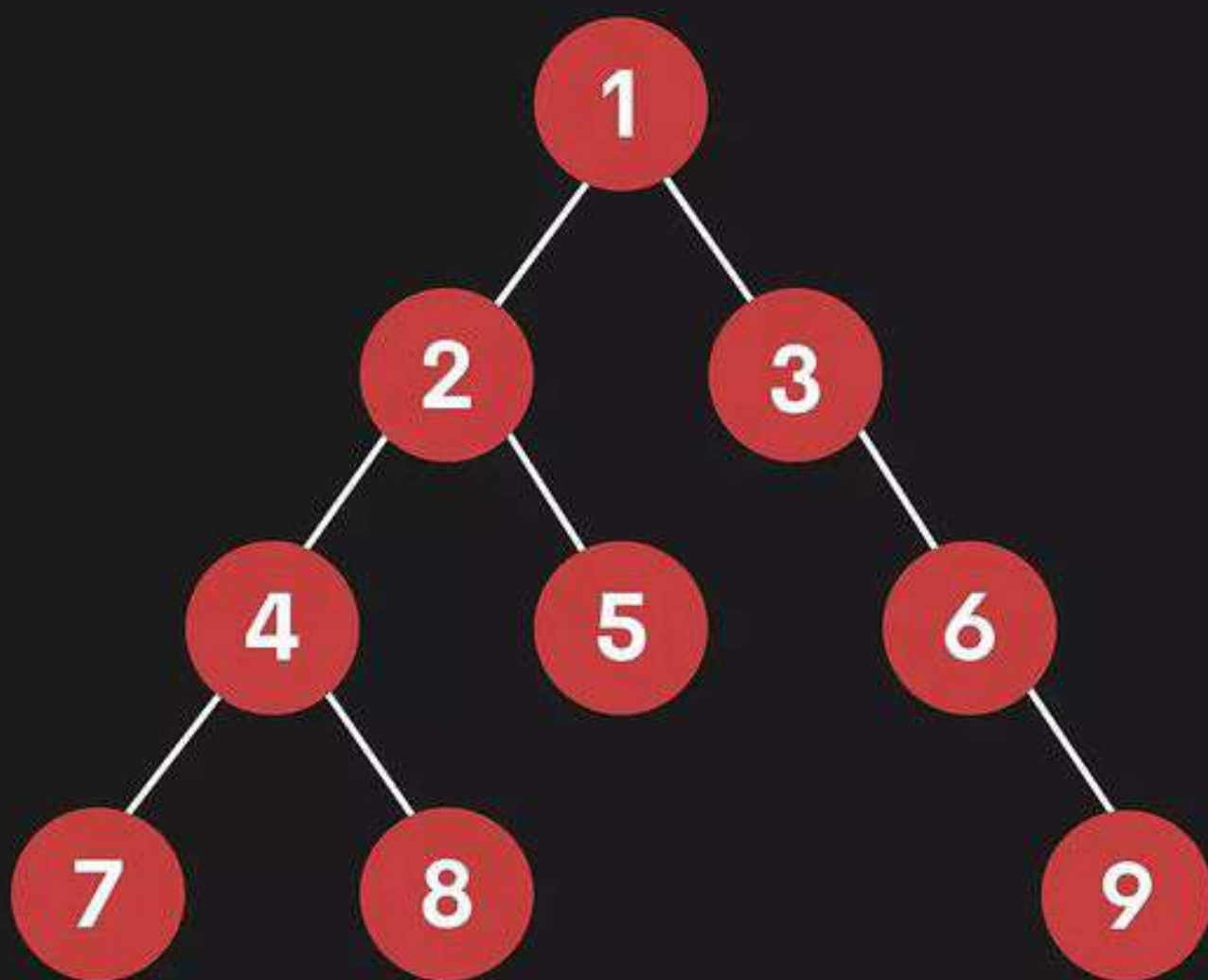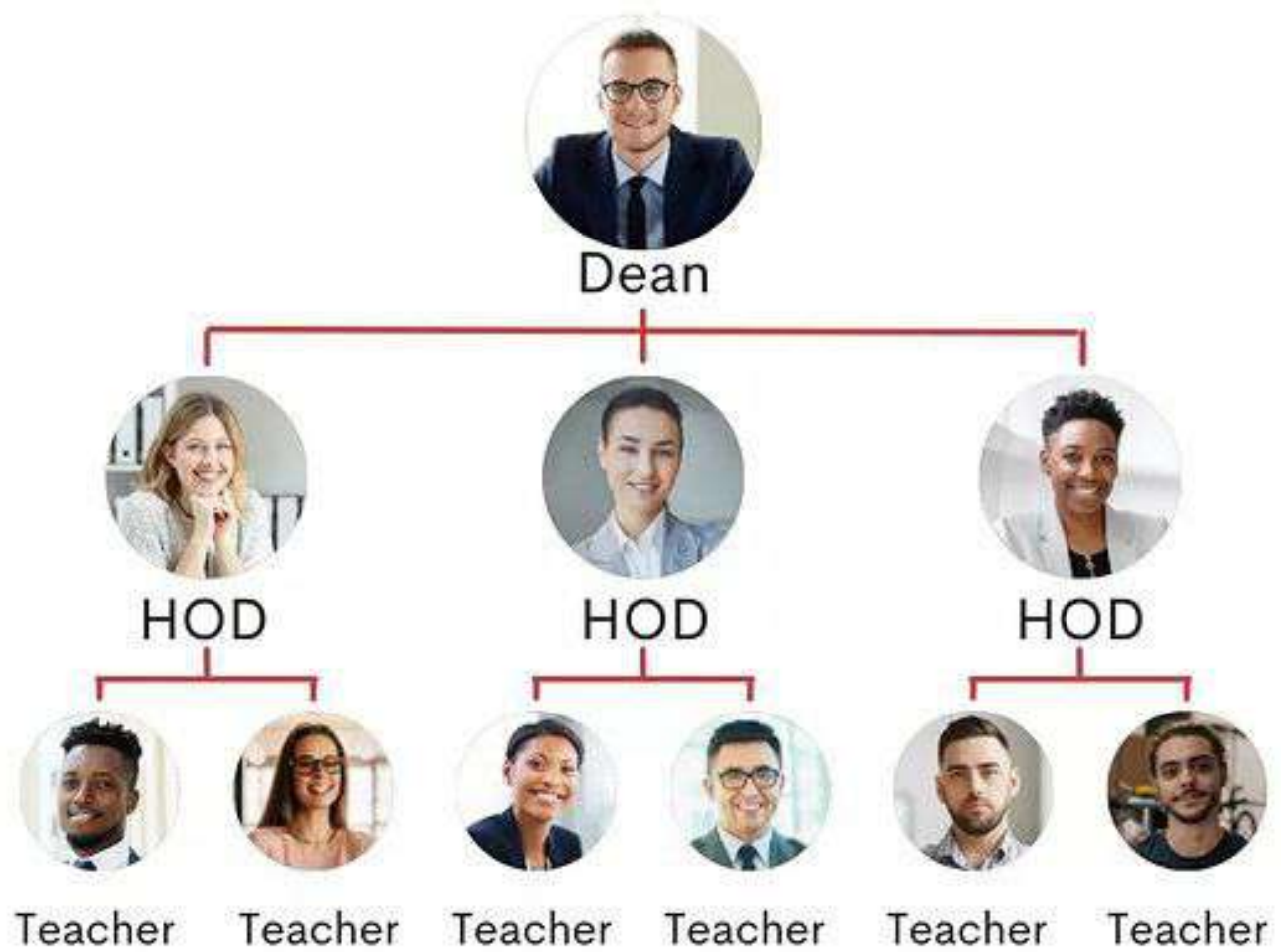## Data Structure
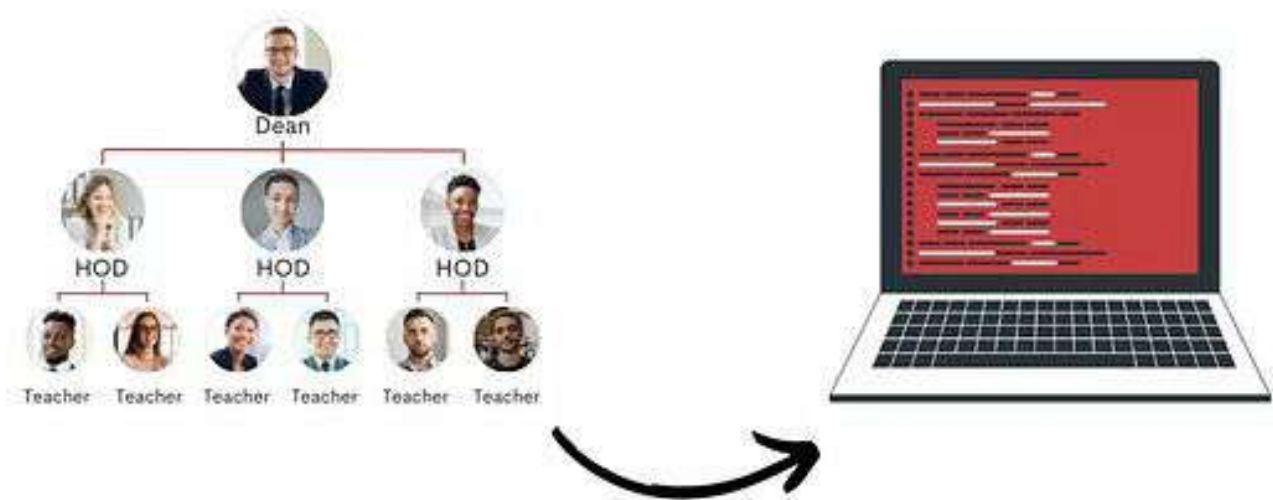
Suppose you want to build an admin software for your collage

So you will find there
is a certain hierarchy

Dean

HOD   HOD   HOD

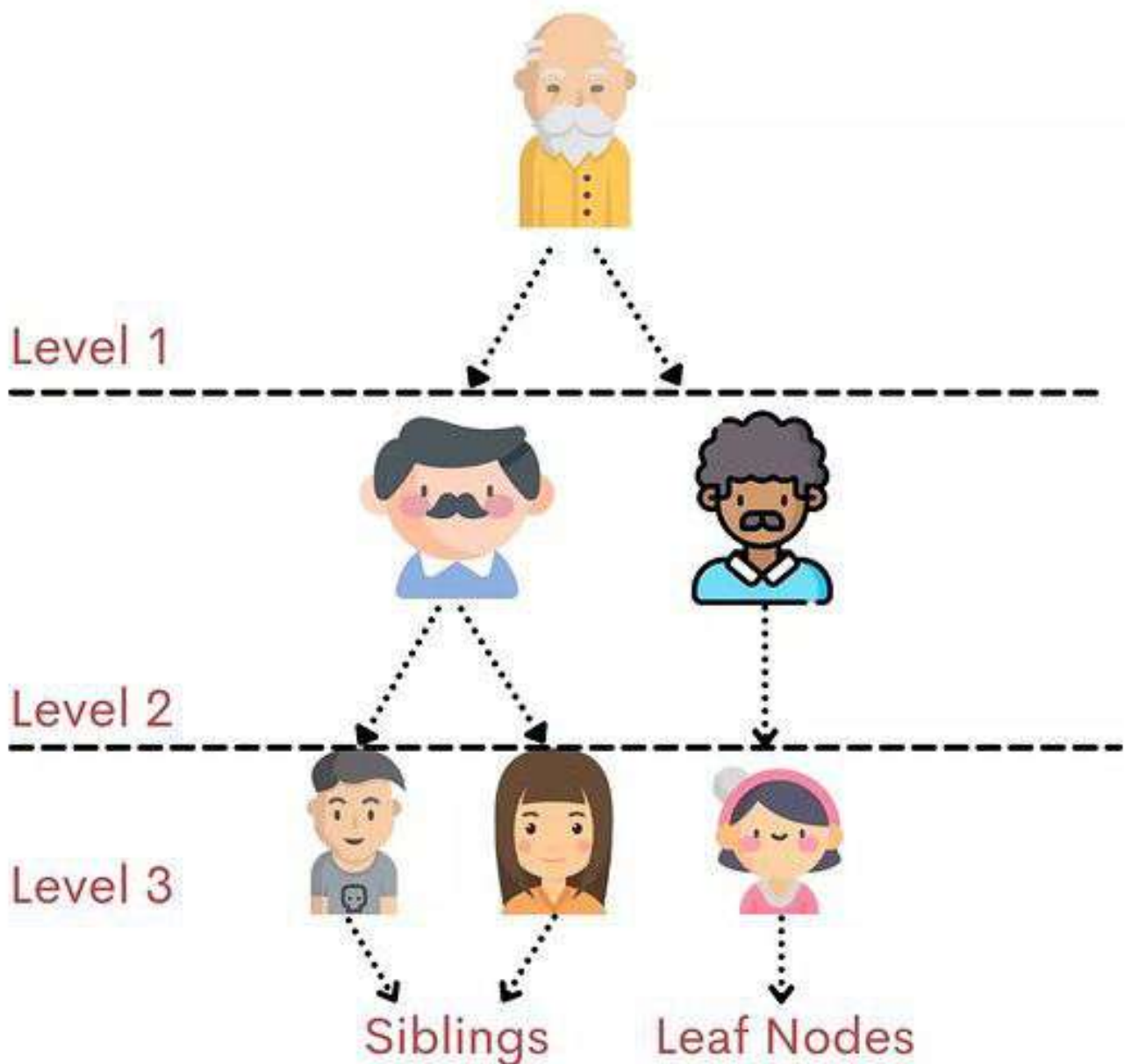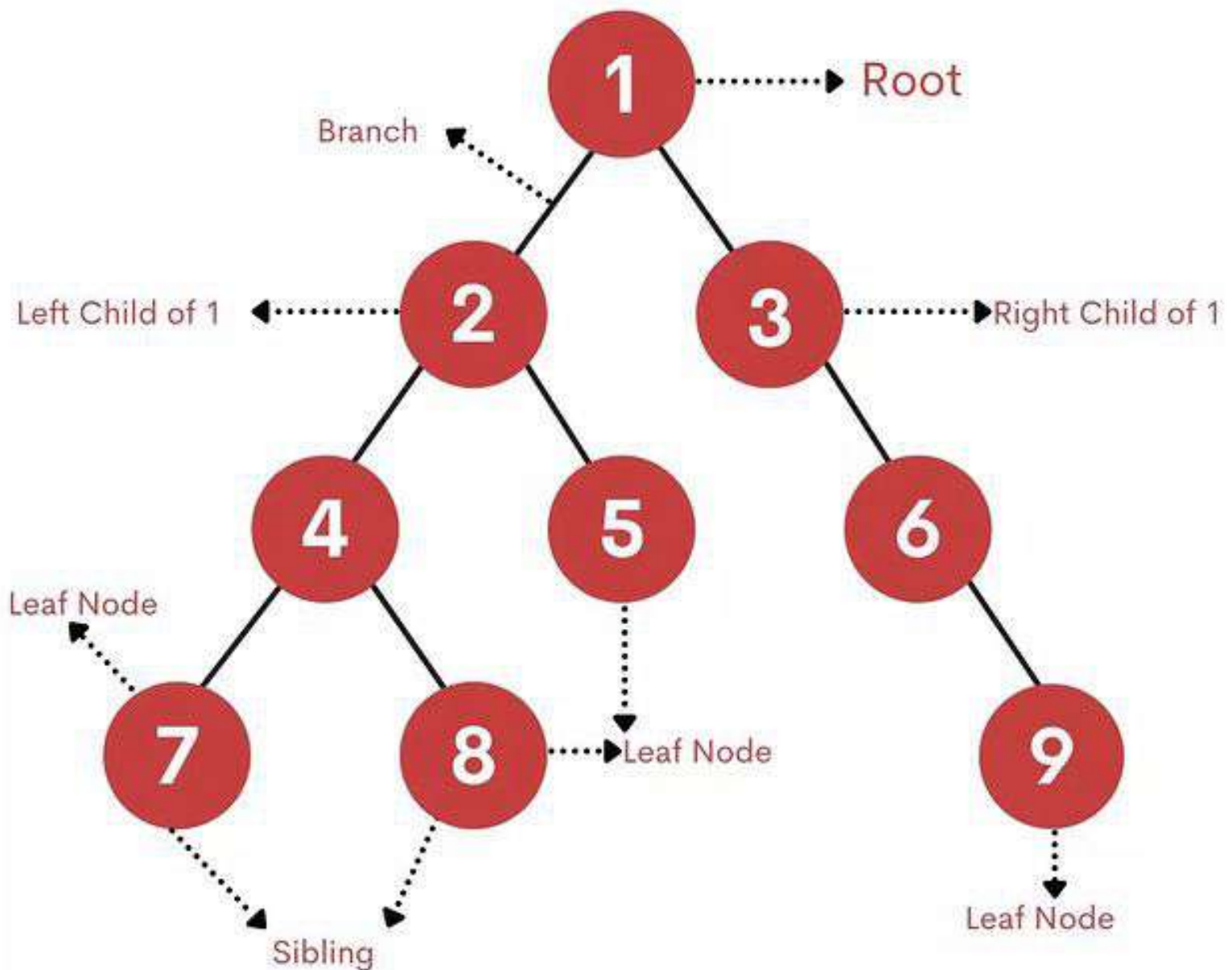Teacher   Teacher   Teacher   Teacher   Teacher   Teacher

So to store these types of hierarchical data into the computer we use a tree data structure

TREE

The family tree is the best
example of a tree Data Structure

Level 1

Level 2

Level 3

Siblings   Leaf Nodes

Root

Branch

Left Child of 1

Right Child of 1

Leaf Node

Leaf Node

Leaf Node

Sibling

A tree is a nonlinear hierarchical data structure
that consists of nodes connected by edges