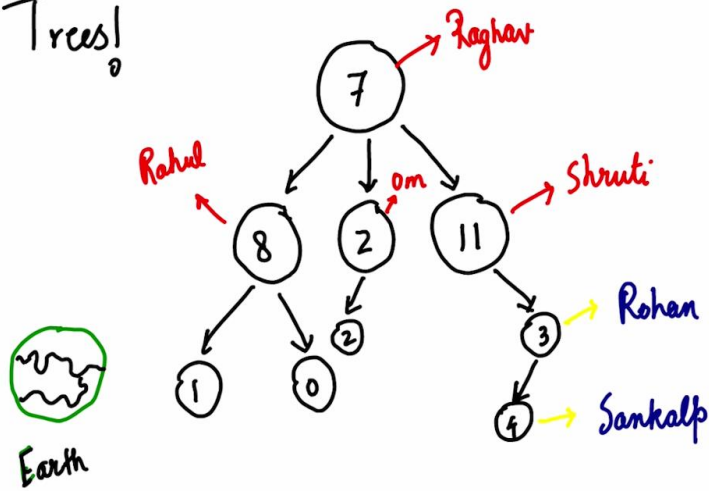


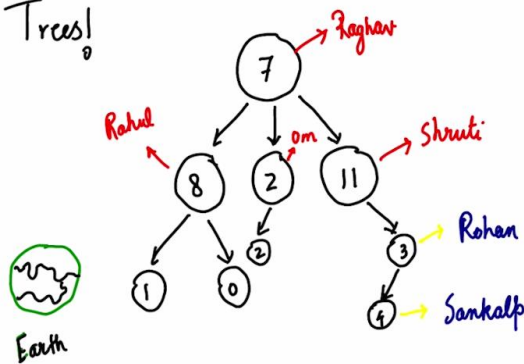
Trees!



Terminology

- ① Root → Topmost Node
- ② Parent → Node which connects to the child
- ③ Child → Node which is connected by another node is its child!
- ④ Leaf/External node: Nodes with

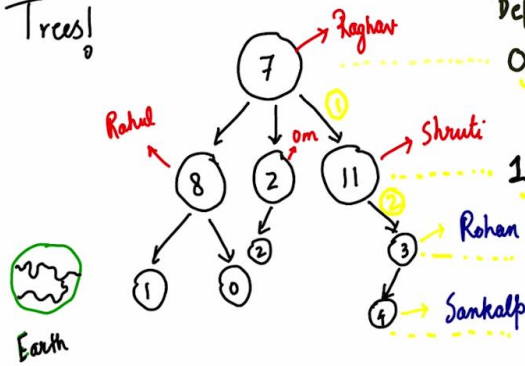
Trees!



Terminology

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Trees!



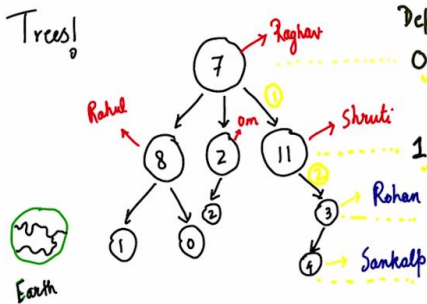
Depth

Terminology

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Trees!

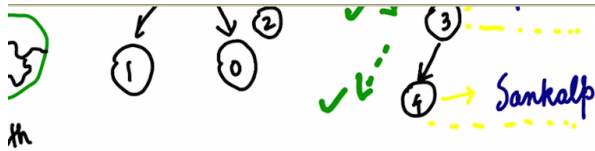


Depth

Terminology

- ① Root → Topmost Node
- ② Parent → Node which connects to the child
- ③ Child → Node which is connected by another node is its child!
- ④ Leaf/External node: Nodes with no children
- ⑤ Internal node: Nodes with atleast one child
- ⑥ Depth: No of edges from root to the node ✓
- ⑦ Height: No of edges from node to the deepest leaf!





Child!

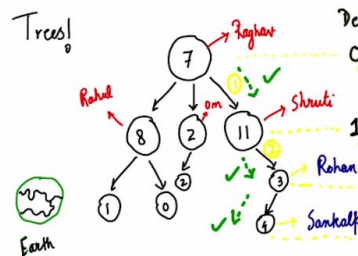
④ Leaf / External node: Nodes with no children

⑤ Internal node: Nodes with atleast one child

⑥ Depth: No of edges from root to the node ✓

⑦ Height: No of edges from node to the deepest leaf!

⑧ Sibling: Nodes belonging to the same parent!



Depth

Terminology

① Root → Topmost Node

② Parent → Node which connects to the child

③ Child → Node which is connected by another node is its child!

④ Leaf / External node: Nodes with no children

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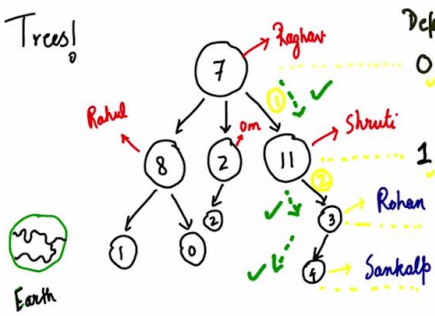
⑥ Depth: No of edges from root to the node ✓

⑦ Height: No of edges from node to the deepest leaf!

⑧ Sibling: Nodes belonging to the same parent!



Trees!



Depth

Terminology

- ① Root → Topmost Node
- ② Parent → Node which connects to the child
- ③ Child → Node which is connected by another node is its child!
- ④ Leaf/External node: Nodes with no children
- ⑤ Internal node: Nodes with atleast one child
- ⑥ Depth: No of edges from root to the node ✓
- ⑦ Height: No of edges from node to the deepest leaf!
- ⑧ Sibling: Nodes belonging to the same parent!
- ⑨ Ancestors/Descendants