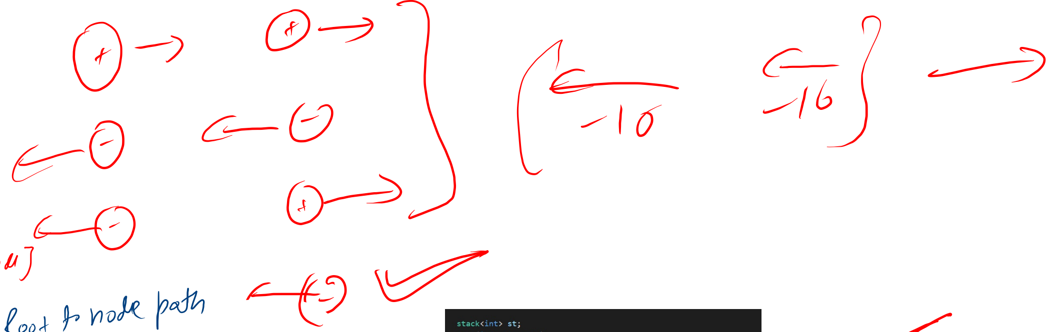


tree → ① [sum { i, ii, leaf to leaf, node to node]

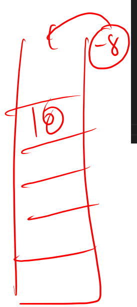
② [Kaway, Kfar, LCA (BT, BST), Root to node path
distance b/w node to node

③ [View
1. Level order traversal (simple or line by line)
2. LV, RV, vertical order traversal, vertical sum, width
   top V, Bottom view, (diagonal view and sum) x2

④ [BST → iterative
→ ans solution (), pre, succ for BST
* → (Kth largest, Kth smallest)
→ Ceil and floor
** → (Add, remove)

(AVL) → Rotation Engine → LL, RR

⑤ [GT



```
stack<int> st;
for (int ele : arr)
{
    if (ele > 0)
        st.push(ele);
    else
    {
        while (st.size() != 0 && st.top() > 0 && st.top() < -ele)
            st.pop();

        if (st.size() != 0 && st.top() == -ele)
            st.pop();
        else if (st.size() == 0 || st.top() < 0)
            st.push(ele);

    }
```